

DIVISION OF BUILDING SAFETY

IDAHO ELECTRICAL BOARD
VIDEOCONFERENCE MEETING

JULY 26, 2017



IDAHO ELECTRICAL BOARD

Agenda Item No. 01

Agenda

PRESENTER: Bob Scott, Chairman

OBJECTIVE: Approve agenda for the July 26, 2017 Idaho Electrical Board meeting.

ACTION: Consent

BACKGROUND:

**PROCEDURAL
HISTORY:**

ATTACHMENTS: Tentative agenda



TENTATIVE AGENDA

NOTICE OF PUBLIC MEETING

IDAHO ELECTRICAL BOARD VIDEOCONFERENCE MEETING

**Division of Building Safety
1090 East Watertower Street, Suite 150, Meridian
1250 Ironwood Drive, Suite 220, Coeur d'Alene
2055 Garrett Way, Building 1, Suite 4, Pocatello**

dbbs.idaho.gov – (208) 332-7137

**Wednesday, July 26, 2017
9:30 a.m. – 3:30 p.m. (MDT)**

(Note: North Idaho – Meeting Commences @ 8:30 a.m. PDT)

9:30 a.m. CALL TO ORDER – Bob Scott, Chairman

- Roll Call & Introductions
- Open Forum
 - City and County Concerns

CONSENT AGENDA

1. Approval of the July 26, 2017 Agenda – Bob Scott
2. Approval of the April 26, 2017 Board Meeting Minutes – Bob Scott

ACTION AGENDA

3. **Administrative Appeals Hearing – Warren Wing, Electrical Program Manager**
 - a. **Aleksandr Strizheus – NOV ELE1703-0026**

INFORMATIONAL AGENDA

4. Reciprocal Agreement with New Hampshire – Pamela Olin, Office of Professional Licensure and Certification, Division of Technical Professions
5. High School Apprentice Training – Howard Royal, Educator
6. HVAC Journeyman Supervision – Warren Wing
7. Apprentice Work Experience – Warren Wing
8. Apprentice to Journeyman Testing Results (Update) – Warren Wing

9. Apprentice Ratio (Update) – Warren Wing
10. Apprentice Registration Renewal – Warren Wing
11. Statute Rewrite – Warren Wing
12. Proposed Rulemaking – Warren Wing
13. Board Meetings and CEUs – Warren Wing
14. Program Manager Report – Warren Wing
15. Compliance Program Report – Chris L. Jensen, Administrator
16. Administrator Report – Chris L. Jensen
 - a. Financial Report

3:30 p.m. ADJOURN

All times, other than beginning, are approximate and are scheduled according to Mountain Daylight Time (MDT), unless otherwise noted. Agenda items may shift depending on the Idaho Electrical Board's preference. 07/20/2017rb

IDAHO ELECTRICAL BOARD

Agenda Item No. 02

Minutes

PRESENTER: Bob Scott, Chairman

OBJECTIVE: Approve minutes from the April 26, 2017 Idaho Electrical Board meeting.

ACTION: Consent

BACKGROUND:

**PROCEDURAL
HISTORY:**

ATTACHMENTS: Draft minutes



IDAHO ELECTRICAL BOARD

Agenda Item No. 03a **Aleksandr Strizheus – NOV ELE1703-0026**

PRESENTER: Warren Wing, Electrical Program Manager

OBJECTIVE: Administer a ruling on Aleksandr Strizheus’s Appeal –
NOV ELE1703-0026

ACTION: Affirm or reject the imposed penalties.

BACKGROUND: The Notice of Violation (NOV) was issued based upon a proposed violation to IDAPA 07.01.11.011.03 “License or Registration”.

**PROCEDURAL
HISTORY:**

ATTACHMENTS: Documentation from Aleksandr Strizheus and DBS



IDAHO ELECTRICAL BOARD

Agenda Item No. 04 Reciprocal Agreement with New Hampshire

PRESENTER: Pamela Olin, Office of Professional Licensure and Certification, Division of Technical Professions

OBJECTIVE: Discuss, for possible approval, a revised reciprocal agreement for journeyman license between Idaho and New Hampshire.

ACTION: Informational

BACKGROUND: Electrical Program Manager Warren Wing received an e-mail from Pamela Olin on June 16, 2017. In the e-mail, Ms. Olin stated she was following up on a revised reciprocal agreement New Hampshire sent to Idaho in January. (See attached document.) In addition, since New Hampshire previously had a reciprocal agreement with Idaho, she would like to address with the Idaho Electrical Board where New Hampshire currently stands.

ATTACHMENTS: National Electrical Reciprocal Alliance, Reciprocal Agreement for Journeyman License



**NATIONAL ELECTRICAL RECIPROCAL ALLIANCE
RECIPROCAL AGREEMENT FOR JOURNEYMAN LICENSE**

This agreement is between the State of New Hampshire and the state of Idaho

Purpose

The purpose of this agreement is to mutually recognize the journeyman electrician license qualifications of the above states as being equivalent and thereby enabling the participating states to enter into a reciprocal agreement.

Authority for Reciprocity

<p><u>State of New Hampshire</u></p> <p>Under New Hampshire Statute RSA 319-C:14 Nonresidents, the Board may license any applicant who is licensed in any other state, provided the other state's licensing requirements are substantially equivalent to or higher than those of this state.</p>
--

<p><u>State of Idaho</u></p> <p>Under Idaho Statutes Section 54-1007 (5), to the extent that other states which provide for the licensing of electricians provide for similar action, the administrator, on the recommendation of the Idaho electrical board, may grant licenses to electricians licensed by such other states, upon payment by the applicant of the required fee and upon furnishing proof to the board that the applicant has the qualifications at least equal to those provided herein for applicants for written examinations. Applicants who qualify for a license under this subsection are not required to take the examination.</p>
--

Although the statutory language differs between the respective states, both states acknowledge authority to enter into this agreement.

Additional Requirements

- 1. Applicants must have completed an electrical apprenticeship schooling program with a minimum of 600 hours, 24 hours of which are safety related.**
- 2. Applicants must have passed the journeyman or master examination in the state of Idaho and have held a valid license in the state of Idaho for at least one year.**
- 3. Applicants must submit an application, pay any fees required by the state of New Hampshire, and hold a valid, active license in the state of Idaho.**
- 4. States reserve the right to refuse a license for cause.**

Signatures

State of New Hampshire		State of Idaho	
Authorized Signature	Date	Authorized Signature	Date
Authorized Signature	Date	Authorized Signature	Date

IDAHO ELECTRICAL BOARD

Agenda Item No. 05

High School Apprentice Training

PRESENTER: Howie Royal, Educator

OBJECTIVE: Discuss creating a special license that would allow high school students to perform supervised electrical installations, exposing them to the trade.

ACTION: Informational

BACKGROUND: Institutions want a legal way to expose students to the trade and allow them to get hands on experience making electrical installations.

PROCEDURAL HISTORY:

ATTACHMENTS: No documentation



IDAHO ELECTRICAL BOARD

Agenda Item No. 06

HVAC Journeyman Supervision

PRESENTER: Warren Wing, Electrical Program Manager

OBJECTIVE: Report to the Electrical Board as directed.

ACTION: Informational

BACKGROUND: The Electrical Board asked the Electrical Program Manager to present concerns to the HVAC Board with regard to lack of supervision of electrical installations by HVAC trainees. At the July 12th HVAC Board meeting, the Board indicated they are working towards adopting legislation that would require a journeyman to supervise HVAC electrical installations. The HVAC Chairman indicated he would reach out to the Electrical Board Chairman.

PROCEDURAL HISTORY:

ATTACHMENTS: No documentation



IDAHO ELECTRICAL BOARD

Agenda Item No. 07

Apprentice Work Experience

PRESENTER: Warren Wing, Electrical Program Manager

OBJECTIVE: Clarify direction and necessity for verifying apprentice work experience.

ACTION: Informational

BACKGROUND: Electrical rules require electrical apprentices to have experience in industrial, commercial, and residential installations, with no more than 75% in any one category. Many contractors do not perform more than one type of electrical installation and apprentices who work for them do not gain the necessary experience. We see this especially with industrial accounts who want to run apprentices through the program. This creates another rule issue because industrial accounts are required to hire journeyman electricians to perform installations, not apprentices. The Electrical Board needs to decide if they want to continue with this requirement of multiple experience categories. The Board also needs to discuss allowing industrial accounts to run apprentices, and if this is allowed through rule, how will they meet the residential and commercial requirements?

PROCEDURAL HISTORY:

ATTACHMENTS: No documentation



IDAHO ELECTRICAL BOARD

Agenda Item No. 08 Apprentice to Journeyman Testing Results (Update)

PRESENTER: Warren Wing, Electrical Program Manager

OBJECTIVE: The Electrical Board wants to track results of instructional institute's effectiveness for individuals taking journeyman examinations, and the educational value of the institutes for apprentices.

ACTION: Informational

BACKGROUND: DBS does not have the manpower or capabilities to accurately track the information the Electrical Board is requesting. The Electrical Program Manager is working with CTEC to present an accurate reporting method to the Board.

**PROCEDURAL
HISTORY:**

ATTACHMENTS: No documentation



IDAHO ELECTRICAL BOARD

Agenda Item No. 09

Apprentice Ratio (Update)

PRESENTER: Warren Wing, Electrical Program Manager

OBJECTIVE: Allow the Electrical Board and others to report on the temporary apprentice ratio policy, and discuss any issues or concerns relating to the policy.

ACTION: Informational

BACKGROUND: The Electrical Board directed DBS to allow a relaxation in the apprenticeship ratio for residential installation under certain stated conditions. This was done after contractors petitioned the Electrical Board because they were having a hard time finding and hiring journeyman electricians.

PROCEDURAL HISTORY:

ATTACHMENTS: No documentation



IDAHO ELECTRICAL BOARD

Agenda Item No. 10

Apprentice Registration Renewal

PRESENTER: Warren Wing, Electrical Program Manager

OBJECTIVE: Request the Electrical Board create an emergency rule that would allow DBS to extend a first time apprentice registration.

ACTION: Direct DBS Administrator to petition the Governor for an emergency rule.

BACKGROUND: Currently, an apprentice registration shall only be renewed by the Division upon receipt of sufficient evidence demonstrating the apprentice has successfully completed at least two years of an approved sequence of instruction and worked 4000 hours. Furthermore, individuals who have not worked 4000 hours and have the approved schooling are not even allowed to petition the Board to have a license renewed. The Board is only allowed to grant a renewal of a second license if an individual can show extenuating circumstances for needing a third renewal. Enough evidence may exist that would justify creating an “extension” of an original apprentice registration where extenuating circumstances existed.

ATTACHMENTS: No documentation; however, proposed language change.

Proposal 1: The Division may extend an original apprentice registration to cover the amount of time an extenuating circumstance existed. Extenuating circumstances shall include time served in the U.S. Armed Forces, Religious missions, health issues or other circumstances approved by the Electrical Board.

Proposal 2: Get rid of the requirement to have two years of schooling and 4000 hours and let individuals renew an original license.



IDAHO ELECTRICAL BOARD

Agenda Item No. 11

Statute Rewrite

PRESENTER: Warren Wing, Electrical Program Manager

OBJECTIVE: Align the statute with current policies, procedures and rules.

ACTION: Informational

BACKGROUND: The Electrical Board discussed changes at the April Board. Changes to proposed statutes have been made and will be presented to the Electrical Board at the July 2017 Board meeting.

PROCEDURAL HISTORY:

ATTACHMENTS: Changes made to the following documents: Inspector certification, Master full-time employee, NEC and statute clarification, Specialty to installer language.



electrical board or of the administrator of the division of building safety herein provided for, or who shall refuse to perform any duty lawfully enjoined upon him by the administrator within the prescribed time; or who shall fail, neglect, or refuse to obey any lawful order given or made by the administrator shall be guilty of a misdemeanor and shall be subject to the civil penalties established by administrative rule but not to exceed one thousand dollars (\$ 1,000). Each day of such violation shall constitute a separate offense. A violation will be considered a second or additional offense only if it occurs within one (1) year from the first violation.

§ 54-1018. Separability

If any clause, sentence, section, provision or part of this act shall be adjudged to be unconstitutional or invalid for any reason, by any court of competent jurisdiction, such judgment shall not impair, affect or invalidate the remainder of this act which shall remain in full force and effect thereafter.

§ 54-1019. Qualifications of inspectors

The administrator of the division of building safety shall appoint the number of deputy electrical inspectors as may be required for the effective enforcement of the provisions of this chapter. All inspectors shall be skilled in electrical installations with not less than four (4) years of actual experience as a journeyman or master electrician, shall possess ~~certificates of competency journeyman or master electrician licenses in the state of Idaho~~ prior to appointment, and shall be fully familiar with the provisions of this chapter and rules made both by the administrator and the Idaho electrical board. No inspector employed by the division of building safety and assigned to the enforcement of the provisions of this chapter shall be engaged or financially interested in an electrical business, trade, practice or work, or the sale of any supplies connected therewith, nor shall he act as an agent, directly or indirectly, for any person, firm, copartnership, association or corporation so engaged. Inspectors employed by municipalities electing to claim exemption under this chapter must possess the qualifications set forth in this section. Inspectors employed by the division of building safety shall take and pass, before the end of their probationary period, ~~the a~~ general inspector's test ~~administered by the educational testing service, or future tests developed by the educational testing service for that purpose, or such examination developed for similar purposes, and administered by another testing agency, which the~~ approved by the Idaho electrical board. Inspectors shall be required to participate in continuous education training as directed by the Idaho Electrical board and administered by the Division of Building Safety. ~~may select.~~ The board may also promulgate rules relative to the applicability of this provision to existing electrical inspectors with permanent status in the division.

(a) Inspections shall be made in accordance with the codes adopted in this chapter.

(b) Inspection fees shall be as provided in *section 39-4303, Idaho Code*.

(c) The administrator may issue inspection tags for inspections if the buildings are in compliance with the codes adopted in this chapter

(2) The administrator of the division of building safety is hereby authorized to make inspections of electrical installations as set forth herein and to issue inspection tags covering such installations.

§ 54-1002. License essential to engage in business -- Licensure authority exclusive to the state

(1) It shall be unlawful for any person, partnership, company, firm, association or corporation, to act, or attempt to act, as an electrical contractor or special electrical contractor in this state until such person, partnership, company, firm, association or corporation, shall have received a license as an electrical contractor, as herein defined, issued pursuant to the provisions of this chapter by the administrator of the division of building safety.

(2) It shall be unlawful for any person to act as a journeyman electrician in this state until such person shall have received a license as a journeyman electrician, as herein defined, issued pursuant to the provisions of this act, by the administrator of the division of building safety, provided, however, that any person who has been issued a master electrician's license pursuant to this chapter may act as a journeyman electrician.

(3) It shall be unlawful for any person to act as a specialty electrician in this state until such person shall have received a license as a specialty electrician, as herein defined, issued pursuant to the provisions of this act, by the administrator of the division of building safety, provided however, that any person who has been issued a master electrician's license or a journeyman electrician's license pursuant to this act may act as a specialty electrician.

(4) Licensure of electrical contractors, journeyman electricians, master electricians, specialty electricians, specialty electrical contractors and registration of apprentice electricians shall be within the exclusive jurisdiction of the state pursuant to this chapter and no local jurisdiction shall have the authority to require additional licensure or to require payment of any fees in order for any licensee to engage in the electrical construction trade within the local jurisdiction or to issue licenses to persons licensed under this chapter which are inconsistent with the provisions of this chapter or rules promulgated by the division of building safety. The state shall investigate all local infractions and state violations of this chapter and prosecute the same. The local jurisdictions will assist the state by requesting investigations within their jurisdictions. Nothing in this chapter shall restrict a city or county from imposing stricter public safety rules, notwithstanding any provision of Idaho Code.

(5) A signing master electrician shall not be employed by any electrical contractor outside of the electrical contractor that has legally designated the signing master electrician as the person responsible for supervision of electrical installations made by said company, firm, association, or corporation.

**TITLE 54. PROFESSIONS, VOCATIONS, AND BUSINESSES
CHAPTER 10. ELECTRICAL CONTRACTORS AND JOURNEYMEN**

§ 54-1001. Declaration of policy

From and after the taking effect of this act, all installations in the state of Idaho of wires and equipment to convey electric current and installations of apparatus to be operated by such current, except as hereinafter provided, shall be made substantially in accord with the National Electrical Code NFPA 70 of 1971, as amended and approved by the American Standards InstituteIdaho Electrical Board and adopted by the Idaho Legislature, relating to such work as far as the same cover both fire and personal injury hazards., ~~and as the National Electrical Code shall be amended, revised, compiled and published from time to time and as such amendments or revisions are adopted by the Idaho electrical board.~~

§ 54-1001A. Submersible well pumps [EFFECTIVE UNTIL MARCH 31, 2018]

(1) Listed submersible well pumps are approved for use in lakes, rivers, ponds, and streams in Idaho. Articles 110.3(A), 110.3(B) and 682 of the National Electrical Code relating to specific use of the pumps shall not apply, nor shall this section affect any electric supplier as set forth in *section 61-332A, Idaho Code*.

§ 54-1001B. Inspection provisions inapplicable when installation covered by municipal ordinance

The provisions of this act relating to state inspection, except as provided in *section 54-1001C*, shall not apply within the corporate limits of incorporated cities and villages which, by ordinance or building code, prescribe the manner in which wires or equipment to convey current and apparatus to be operated by such current shall be installed, provided that the provisions of the National Electrical Code are used as the minimum standard in the preparation of such ordinances or building codes and provided that actual inspections are made.

§ 54-1001C. Inspections within municipalities -- When authorized

The administrator of the division of building safety may make electrical inspections within any city upon written request from the mayor or manager of such city. Such inspections shall be made in accordance with the local ordinance or building code. Service of the inspector shall be furnished at cost, such cost to be paid monthly to the administrator by the city requesting inspection service.

§ 54-1001D. Inspections of modular buildings - When authorized - Approval and certification

(1) Notwithstanding the exemption provided in subsection (1)(c) of *section 54-1016, Idaho Code*, the administrator of the division of building safety may make electri-

Agenda Item 11-NEC and Statute Clarification

cal inspections of any modular building upon written request from the manufacturer.

(a) Inspections shall be made in accordance with the codes adopted in this chapter.

(b) Inspection fees shall be as provided in *section 39-4303, Idaho Code*.

(c) The administrator may issue ~~inspection tags~~ Electrical permits for the installation of electrical equipment and apparatus in modular buildings for inspections if the buildings are in compliance with the codes adopted in this chapter

(2) The administrator of the division of building safety is hereby authorized to make inspections of electrical installations as set forth herein and to issue inspection ~~tags~~ results covering such installations.

§ 54-1002. License essential to engage in business -- Licensure authority exclusive to the state

(1) It shall be unlawful for any person, partnership, company, firm, association or corporation, to act, or attempt to act, as an electrical contractor or special electrical contractor in this state until such person, partnership, company, firm, association or corporation, shall have received a license as an electrical contractor, as herein defined, issued pursuant to the provisions of this chapter by the administrator of the division of building safety.

(2) It shall be unlawful for any person to act as a journeyman or master electrician in this state until such person shall have received a license as a journeyman or master electrician, as herein defined, issued pursuant to the provisions of this act, by the administrator of the division of building safety, provided, however, that any person who has been issued a master electrician's license pursuant to this chapter may act as a journeyman electrician.

(3) It shall be unlawful for any person to act as a specialty electrician in this state until such person shall have received a license as a specialty electrician, as herein defined, issued pursuant to the provisions of this act, by the administrator of the division of building safety, provided however, that any person who has been issued a master electrician's license or a journeyman electrician's license pursuant to this act may act as a specialty electrician.

(4) Licensure of electrical contractors, journeyman electricians, master electricians, specialty electricians, specialty electrical contractors, facility accounts and registration of apprentice electricians shall be within the exclusive jurisdiction of the state pursuant to this chapter and no local jurisdiction shall have the authority to require additional licensure or registration, or to require payment of any fees in order for any licensee or registrant to engage in the electrical construction trade within the local jurisdiction or to issue licenses or registrations to persons licensed or registered under this chapter which are inconsistent with the provisions of this chapter or rules promulgated by the division of building safety. The state shall investigate all local infractions and state violations of this chapter and prosecute the same. The local jurisdictions will assist the state by requesting investigations within their jurisdictions. Nothing in this chapter shall restrict a city or county from imposing stricter public safety rules, notwithstanding any provision of Idaho Code.

§ 54-1003. Administrator authority

(1) Only the administrator of the division of building safety of the state of Idaho is authorized and empowered to conduct examinations and to pass upon the qualifications of applicants, and to grant and issue licenses or registrations to such applicants as are found to be qualified to engage in the trade, business or calling of a journeyman electrician, electrical contractor, master electrician, specialty electrician, specialty electrical contractor, specialty electrical trainee or apprentice electrician in the manner and upon the terms and conditions hereinafter provided.

(2) No licenses or registrations granted hereunder shall be transferable. Licenses and registrations shall be issued upon the condition that the holder thereof shall comply with all provisions of this chapter.

(3) The administrator of the division of building safety is authorized to impose civil penalties as provided in this chapter.

§ 54-1003A. Definitions

(1) Electrical Contractor. Except as provided in *section 54-1016, Idaho Code*, any person, partnership, company, firm, association or corporation engaging in, conducting, or carrying on the business of installing wires or equipment to carry electric current or installing apparatus to be operated by such current, or entering into agreements to install such wires, equipment or apparatus, shall for the purpose of this act be known as an electrical contractor. An electrical contractor, prior to being issued a license, shall be required to provide proof of liability insurance in the amount of three hundred thousand dollars (\$300,000) and proof of worker's compensation insurance if applicable.

(2) Journeyman Electrician. Except as provided in *section 54-1016, Idaho Code*, and *subsections (3), (4), (5) and (6)* of this section, any person who personally performs or supervises the actual physical work of installing electric wiring or equipment to convey electric current, or apparatus to be operated by such current, shall, for the purpose of this act, be known as a journeyman electrician.

(3) Apprentice Electrician. Any person who, for the purpose of learning the trade of journeyman electrician, engages in the installation of electric wiring, equipment, or apparatus while under the constant on-the-job supervision of a qualified journeyman electrician shall, for the purpose of this act, be known as an apprentice electrician.

(4) Maintenance Electrician. Any person who is regularly employed to service, maintain or repair electrical apparatus, or to make minor repairs or alterations to existing electrical wires or equipment located on his employer's premises shall, for the purpose of this act, be known as a maintenance electrician.

(5) Master Electrician. A person who has the necessary qualifications, training, experience and technical knowledge to plan, layout or design the installation of electrical wiring or equipment, or to supervise such planning, layout, or design, and who performs or supervises such planning, layout or design, shall, for the purpose of this act, be known as a master electrician.

(6) Specialty Electrician. A person having the necessary qualifications, training, experience and technical knowledge to install, alter, repair and supervise the ~~installing-~~

Agenda Item 11-NEC and Statute Clarification

installation, altering or repairing of special classes of electrical wiring, apparatus or equipment within categories adopted by the board. Specialty electricians shall perform work only within the scope of the specialty category for which the person is licensed.

(7) Specialty Electrical Contractor. Except as provided in *section 54-1016, Idaho Code*, any person, partnership, company, firm, association or corporation engaging in, conducting or carrying on the business of installing, altering or repairing special classes of electrical wiring, apparatus or equipment within categories adopted by the board or entering into agreements to perform such specialty work, shall for the purpose of this act be known as a specialty electrical contractor. Specialty electrical contractors shall perform work only within the scope of the specialty category for which the contractor is licensed. A specialty electrical contractor, prior to being issued a license, shall be required to provide proof of liability insurance in the amount of three hundred thousand dollars (\$ 300,000) and proof of worker's compensation insurance if applicable.

(8) Specialty Electrical Trainee. Any person who, for the purpose of learning the trade of a specialty electrician, engages in the installation of electrical wiring, equipment or apparatus while under the constant on-the-job supervision of a qualified specialty electrician shall, for the purpose of this act, be known as a specialty electrical trainee.

(9) Electrical Facility Employer Account "Facility Account"

An employer licensed with the division of building safety who employs individuals holding valid Journeyman or Master electrician license to perform alterations, extensions, and new installations of electrical systems or components thereof on premises owned by the employer. The employer may also employ maintenance electricians in accordance with §54-1016

§ 54-1004. Inspection of electrical installations -- Notice of ~~defects~~corrections -- Disconnecting electrical service

The administrator of the division of building safety may, during reasonable hours, inspect, re-inspect or test any electrical installation coming under the provisions of this act. If, upon inspection, any electrical installation is found to be not in conformity with the provisions of this act, the person, partnership, company, firm, association or corporation making such installation shall immediately be notified by electronic means, in writing. The notice shall clearly indicate any and all defects-violations to be corrected and specify a definite period of time during which such corrections shall be made. The administrator may deenergize, or disconnect, or have made safe any wire-conductor in cases of emergency where necessary for safety of life or property, or order the disconnection of electrical service to any electrical installation, coming under the provisions of this act, when such installation is found to be dangerous to life or property.

§ 54-1005. Rules -- Inspections -- ~~Inspection tags~~Electrical Permits and fees

(1) The administrator of the division of building safety is hereby authorized and directed to enforce rules consistent with this act for the administration of this act and to effectuate the purposes thereof, and for the examination and licensing of electrical con-

Agenda Item 11-NEC and Statute Clarification

tractors, journeyman electricians, master electricians, specialty electricians, specialty electrical contractors, specialty electrical trainees and apprentice electricians, and to make inspections of electrical installations referred to in *section 54-1001, Idaho Code*, and to issue ~~inspection tags~~ electrical permits covering such installations, and to collect the fees established therefor.

(2) The administrator of the division of building safety may make electrical inspections for another state or local jurisdiction upon request by an appropriate building official. Such inspections shall be made in accordance with the applicable electrical codes of the requesting jurisdiction. Fees charged for such inspection services shall be as provided in the rules promulgated by the board.

(3) Individuals, firms, cooperatives, corporations, or municipalities selling electricity, hereinafter known as the power supplier, shall not connect with and or energize any electrical installation, coming under the provisions of this act, unless ~~the owner or a licensed electrical contractor has delivered to the power supplier an inspection tag~~ an inspection has been conducted and resulted as "passed", issued by the administrator, covering the installation to be energized. ~~Immediately after an installation has been energized, the power supplier shall deliver to the administrator or his authorized agent, the inspection tag covering such installation.~~ Electrical installations approved by the board and addressed through administrative rule may be connected and or energized by the power supplier after the purchase of an electrical permit by a licensed electrical contractor.

(4) It shall be unlawful for any person, partnership, company, firm, association or corporation other than a power supplier, to energize any electrical installation coming under the provisions of this act ~~unless an application for prior to the purchase of an electrical inspection tag permit, covering such installation, together with the inspection fee herein provided, has been forwarded to the administrator.~~

§ 54-1006. Idaho electrical board

(1) The Idaho electrical board, hereinafter known as the board, is hereby created and made a part of the division of building safety. It shall be the responsibility and duty of the administrator of the division of building safety to administer and enforce the provisions of this act, and to serve as secretary to the Idaho electrical board.

(2) The board shall consist of nine (9) members to be appointed by the governor and who shall serve at the pleasure of the governor. Two (2) members shall be licensed journeymen or master electricians; two (2) members shall be employees or officers of licensed electrical contractors; one (1) member shall be a licensed specialty journeyman or contractor; one (1) member shall be an employee or officer of an electrical power provider; one (1) member shall be an employee or officer of a manufacturing plant or other large power user; one (1) member shall be an employee or director of a manufacturer or distributor of electrical supplies or materials; and one (1) member shall be from the public at large not directly associated with the electrical industry. Board members shall be appointed for a term of four (4) years. Members of the board shall hold office until expiration of the term to which the member was appointed and until his successor has been duly appointed and qualified. Whenever a vacancy occurs, the governor shall appoint a qualified person to fill the vacancy for the unexpired portion of the term.

(3) All members of the board shall be citizens of the United States, residents of this state for not less than two (2) years and shall be qualified by experience, knowledge and integrity in formulating rules for examinations, in passing on the fitness and qualifications of applicants for electrical contractor and journeyman electrician licenses and in establishing standards for electrical products to be used in electrical installations coming under the provisions of this act.

(4) The members of the board shall, at their first regular meeting following the effective date of this act and every two (2) years thereafter, elect by majority vote of the members of the board, a chairman who shall preside at meetings of the board and a vice chairman who shall preside at any board meeting in the event the chairman is not present. A majority of the members of the board shall constitute a quorum.

(5) The board is authorized and directed to prescribe and amend rules consistent with this act for the administration of this chapter and to effectuate the purpose thereof, and for the examination and licensing of electrical contractors, journeyman electricians, master electricians, specialty electricians, specialty electrical contractors, specialty electrical trainees and apprentice electricians. The board shall also establish the classifications for specialty electrician and specialty electrical contractor licensing and the fees to be charged for permits and inspections of electrical systems. The board shall establish by administrative rule the fines to be paid for citations issued and shall hear appeals regarding the imposition of civil penalties for violations of this chapter and the rules of the Idaho electrical board. The board is authorized to affirm, reject, decrease or increase the penalty imposed by the administrator. However, in no case shall the penalty exceed one thousand dollars (\$ 1,000) for each offense.

(6) Each member of the board not otherwise compensated by public moneys shall be compensated as provided by *section 59-509(n), Idaho Code*.

§ 54-1007. Issuance of licenses -- Reciprocity

(1) The administrator shall issue licenses to such persons as have by examination shown themselves to be fit, competent and qualified to engage in the trade of journeyman electrician, specialty electrician or master electrician as defined in *section 54-1003A, Idaho Code*, and to such persons, firms, partnerships, associations or corporations as have shown themselves to be fit, competent and qualified to engage in the business of electrical contracting or specialty electrical contracting as defined in *section 54-1003A, Idaho Code*.

(2) An apprentice electrician, as defined in *section 54-1003A, Idaho Code*, may take the journeyman's examination if he has completed the required related instruction for electrical apprentices as approved by the Idaho state board for professional-technical education, completion of which shall be evidenced by a certificate from an approved provider, and has worked the number of hours as prescribed by the Idaho electrical board, provided that for all the time he is claiming to have worked as an apprentice electrician, the apprentice shall have been registered with the division of building safety as an apprentice. The electrical board may, by rule, fix the apprentice registration fee, in an amount not to exceed the costs of issuing apprentice registration certificates and enforcing the apprentice registration provisions of this chapter, and may also by rule establish requirements relative to the manner of registration renewal, verification of em-

Agenda Item 11-NEC and Statute Clarification

ployment, the number of instructional hours completed, continuation training and the number of hours worked.

(a) All verification of employment forms submitted by an apprentice shall be entered into and maintained in the apprentice's file by the division of building safety. The division of building safety shall provide the apprentice online access to this information.

(b) An apprentice who has completed the number of instructional hours and has not taken or passed the journeyman's examination within two (2) years of completion of the instructional training hours, shall provide proof of continuation training as set by rule of the electrical board.

(c) An apprentice who has not advanced in apprenticeship training for a period of two (2) years shall complete continuation training as set by rule of the electrical board.

(3) Any person who has worked as a licensed journeyman for a period of not less than four (4) years and who has worked the number of hours as prescribed by rule of the board as a licensed journeyman electrician shall be considered as qualified to apply for a master electrician's license in this state. The Idaho electrical board, in establishing by rule the requirements for a master electrician's license, shall also take into account the applicant's performance as a journeyman electrician.

(4) Any person with out-of-state experience who has worked as a journeyman electrician or as an apprentice electrician for a period of four (4) years, and who has met such other requirements as established by rule of the board, shall be considered as qualified to apply for a journeyman electrician's license in this state.

(5) To the extent that other states which provide for the licensing of electricians provide for similar action, the administrator, on the recommendation of the Idaho electrical board, may grant licenses to electricians licensed by such other states, upon payment by the applicant of the required fee and upon furnishing proof to the board that the applicant has qualifications at least equal to those provided herein for applicants for written examinations. Applicants who qualify for a license under this subsection are not required to take a written examination.

§ 54-1008. Duration of license

(1) All licenses, including license renewals, for master electricians, journeyman electricians and specialty journeyman electricians shall issue for a period of three (3) years, and shall expire three (3) years from the date of issue unless renewed, revoked or suspended.

(2) Electrical contractor and specialty electrical contractor licenses ~~issued after July 1, 2002,~~ shall issue for a period of one (1) year, and shall expire one (1) year from the date of issue unless renewed, revoked or suspended.

(3) Electrical apprentice registration issued or renewed ~~after July 1, 2009~~ shall be issued for a period of five (5) years.

(4) Electrical specialty trainee registrations ~~issued or renewed after July 1, 2009,~~ shall be issued for a period of three (3) years.

(5) Facility accounts license shall be issued and renewed for a period of three (3) years.

~~(56)~~ Each licensing period and each registration period shall end at midnight on the last day of the month of the licensing or registration period. Licenses and registra-

tions not renewed by this date shall have expired.

(67) The board shall promulgate rules to provide for a staggered system of issuing and renewing licenses.

§ 54-1009. Revocation or suspension of licenses -- Hearings -- Taking testimony

(1) The administrator shall have power to revoke or suspend any license or registration if the same was obtained through error or fraud, or if the holder thereof is shown to be grossly incompetent, or has willfully violated any of the rules prescribed by the board, or as prescribed in this chapter; or has, after due notice, failed or refused to correct, within the specified time, any electrical installation not in compliance with the provisions of this chapter, or has failed to pay within the time provided, civil penalties which have become final by operation of law.

(2) The administrator shall have the power to ~~revoke or~~ suspend any electrical contractor or electrical specialty contractor license if, at any time during the term of active contractor or specialty contractor licensure, the licensee failed to maintain required liability insurance or applicable worker's compensation insurance.

(3) Before any license shall be revoked or suspended, the holder thereof shall have written notice enumerating the charges against him, and shall be given a hearing by said administrator, and have an opportunity to produce testimony in his behalf, at a time and place specified in said notice, which time shall not be less than five (5) days after the service thereof.

(a) The proceedings shall be governed by the provisions of *chapter 52, title 67, Idaho Code*.

(b) Any party aggrieved by the action of the administrator shall be entitled to judicial review thereof in accordance with the provisions of *chapter 52, title 67, Idaho Code*.

(4) The administrator shall have the power to appoint, by an order in writing, a hearing officer to take testimony, who shall have power to administer oaths, issue subpoenas and compel the attendance of witnesses, and the decision of the administrator shall be based on his examination of the testimony taken and the records produced. Any person whose license has been revoked may, after the expiration of one (1) year from the date of such revocation, but not before, apply for a new license.

§ 54-1010. Installations by electrical contractor performed by licensed journeyman -- Prior certificate holders entitled to license -- List of electricians in contractor's employ

(1) On and after July 1, 1961, any electrical contractor who works as a journeyman electrician, as herein defined, shall be required to have a journeyman electrician's license or master electrician's license issued under the provisions of this act. All installations of electrical wiring, equipment or apparatus made by an electrical contractor shall be done by or under the direct supervision of a licensed journeyman electrician or licensed master electrician.

(2) The individual owner of an electrical contracting business may act as his own journeyman electrician or master electrician provided that he has complied with the provisions of *section 54-1002, Idaho Code*, pertaining to journeyman electrician. Each elec-

trical contractor in this state shall, upon request of the administrator, or his authorized agent, furnish a list of journeyman electricians in said electrical contractor's employ.

(3) From and after July 1, 1986, any individual working as an apprentice electrician, as defined in this act, must be registered with the division of building safety, as an apprentice electrician, as provided in *section 54-1007, Idaho Code*; and it shall be unlawful for an individual to work as an apprentice electrician without possessing a current apprentice registration certificate.

(4) ~~On and after July 1, 1999, a~~ny individual working as a specialty electrical trainee, as defined in this chapter, must be registered with the division of building safety, as a specialty electrical trainee. It shall be unlawful for an individual to work as a specialty electrical trainee without possessing a current registration certificate.

§ 54-1013. Renewal of licenses or registrations -- Inactive licenses

(1) A license or registration once issued under this chapter, unless revoked or suspended as herein provided, may be renewed at any time during the final month of the licensing period on the payment of the renewal fee herein specified, proof of satisfaction of applicable continuing education requirements as established by the electrical board, proof of satisfaction of applicable apprentice and specialty trainee instruction and work requirements as established by the electrical board, and provided that all outstanding civil penalties, and permit or other fees, have been paid in full, and all outstanding correction notices have been satisfactorily resolved. For electrical contractors and specialty electrical contractors, proof of liability insurance in the amount of three hundred thousand dollars (\$ 300,000) shall also be required, and proof of worker's compensation insurance shall be required if applicable.

(2) Any license which has expired may be revived at any time within one (1) year from the last day of the final month of the licensing period, by payment of the revival fee herein specified, together with all outstanding civil penalties, and permit or other fees and penalties, and upon proof that outstanding correction notices have been satisfactorily resolved. For electrical contractors and specialty electrical contractors, proof of liability insurance in the amount of three hundred thousand dollars (\$ 300,000) shall also be required, and proof of worker's compensation insurance shall be required if applicable.

(3) Certificates of competency issued prior to July 1, 1961, shall, for the purpose of this chapter, be considered as licenses and may be renewed or revived as herein provided.

(4) The administrator may renew, on an inactive basis, the license of an electrical contractor or specialty contractor who is not engaged in electrical contracting in this state. The board shall fix and collect an inactive license fee for such an inactive license renewal in an amount not to exceed one hundred fifty dollars (\$ 150). Each inactive license shall be issued for a period of one (1) year. An electrical contractor or specialty contractor holding an inactive license may not engage in the practice of electrical contracting or specialty contracting in this state. If an electrical contractor or specialty contractor wishes to convert his inactive license to an active license, he may do so by paying a processing fee of thirty dollars (\$ 30.00) and providing proof of the required liability insurance and applicable worker's compensation insurance.

§ 54-1014. Fees

The administrator of the division of building safety shall charge the following fees:

(1) Application for license	\$ 15.00
(2) One-year licenses:	
(a) Electrical contractor license	\$125.00
(b) Electrical contractor license renewal	\$100.00
(c) Electrical contractor license revival	\$125.00
(d) Specialty contractor license	\$125.00
(e) Specialty contractor license renewal	\$100.00
(f) Specialty contractor license revival	\$125.00
<u>(g) Facility account license</u>	<u>\$125.00</u>

(3) Three-year licenses, in accordance with *sections 54-1008 and 54-1013, Idaho*

Code:

(a) Master electrician license	\$65.00
(b) Master electrician license renewal	\$45.00
(c) Master electrician license revival	\$55.00
(d) Journeyman electrician license	\$55.00
(e) Journeyman electrician license renewal	\$45.00
(f) Journeyman electrician license revival	\$55.00
(g) Specialty journeyman electrician license	\$55.00
(h) Specialty journeyman electrician license renewal	\$45.00
(i) Specialty journeyman electrician license revival	\$55.00
(j) Specialty trainee registration and working license	\$30.00

(i) At the time the specialty trainee applies for a specialty journeyman electrician license, the pro rata value of any remaining time on a specialty trainee working license shall be credited toward the purchase of the specialty journeyman electrician license.

(4) Five-year licenses, in accordance with *sections 54-1008 and 54-1013, Idaho*

Code:

(a) Apprentice electrician registration and working license	\$50.00
---	---------

(i) At the time the apprentice applies for a journeyman electrician license, the pro rata value of any remaining time on an apprentice electrician working license shall be credited toward the purchase of the journeyman electrician license.

§ 54-1015. Electrical Board Fund Established

All money received by the administrator, under the terms and provisions of this chapter, shall be paid into the state treasury, as directed by the provisions of *section 59-1014, Idaho Code*, and shall be, by the state treasurer, placed to the credit of a dedicated fund to be known as the electrical board fund and all such moneys, hereafter placed in said fund, are hereby set aside and appropriated to the division of building safety to carry into effect the provisions of this chapter.

§ 54-1016. Exemptions

(1) Nothing in this chapter shall be deemed to apply to:

(a) Any regulated utility, telephone company, rural telephone cooperative or municipal communications utility, or its employees, in the installation or maintenance of communication circuits, wires and apparatus by or for such entities or their communications service customers;

(b) Any electrical public utility, or its employees, in the installation and maintenance of electrical wiring, circuits, apparatus and equipment by or for such public utility, or comprising a part of its plants, lines or system;

(c) Modular buildings as defined in *section 39-4301, Idaho Code*, that are constructed in the state of Idaho for installation on building sites outside the state; provided however, that no modular building shall be installed on a building site in the state of Idaho until it has been approved and bears the insignia of approval of the division as being in compliance with the requirements set forth in *section 39-4304, Idaho Code*.

(2) The licensing provisions of this chapter shall not apply to:

(a) Any property owner performing electrical work in the owner's primary or secondary residence or associated outbuildings;

(b) Any person regularly employed as a maintenance electrician performing electrical maintenance work on the premises ~~owned and operated by their of the person's employer;~~ provided that electrical work is limited to maintenance and replacement of electrical fixtures, electrical equipment and electrical apparatus on a like-for-like basis;

(c) Any telephone company, rural telephone cooperative, or municipal communications utility, its employees, its subsidiaries, and employees of the subsidiaries performing work on customer-owned facilities under the exclusive control of the telephone company, rural telephone cooperative, or municipal communications utility;

(d) Any telephone company, rural telephone cooperative, or municipal communications utility, its employees, its subsidiaries, and employees of the subsidiaries performing repair work on customer-owned facilities at the request of the customer;

(e) Any electrical public utility, rural electrical cooperative, municipal power utility, its employees, its subsidiaries, and employees of the subsidiaries performing work on customer-owned facilities under the exclusive control of the electrical public utility, rural electrical cooperative, or municipal power utility; and

(f) Any electrical public utility, rural electrical cooperative, municipal power utility, its employees, its subsidiaries, and employees of the subsidiaries performing emergency repair work on customer-owned facilities at the request of the customer.

(3) The licensing provisions of this chapter shall not apply to individuals licensed pursuant to *chapter 50, title 54, Idaho Code*, or certificated pursuant to *chapter 26, title 54, Idaho Code*, as follows:

(a) Individuals holding a current heating, ventilation and air conditioning (HVAC) license or a current plumbing certification may install electrical circuitry and make connections from the disconnecting means to a water heater ~~and electrical connections to the water heater~~ as long as the disconnect is in sight from the unit and the circuit from the disconnecting means to the water heater is no more than fifty (50) feet long.

(b) Individuals holding a current HVAC license may install:

(i) Electrical space heaters with no attached ductwork;

Agenda Item 11-NEC and Statute Clarification

(ii) Electrical connections to HVAC equipment from the disconnecting means to the unit as long as the disconnect is in sight from the unit and the circuit from the disconnecting means to the HVAC equipment is no more than fifty (50) feet long; and

~~(iii) Ventilating fans, except ducted range hoods in residences.~~

~~(ciii) HVAC licensees may install control wiring of twenty-four (24) volt or less for HVAC equipment systems of five (5) tons or less in capacity. Plumbing certificate holders are not authorized to install control wiring in HVAC equipment, regardless of voltage.~~

(4) To the extent that a plumbing or HVAC installation permit issued by the Idaho division of building safety includes any part of an electrical installation, the permit issued and inspection performed shall be sufficient to satisfy the permitting and inspecting requirements of this chapter if all required permit fees have been paid.

(5) Approval and certification requirements of product and equipment as set forth in this chapter and in the adopted edition of the national electrical code do not apply to industrial equipment machinery unless the board has made a determination that such product, machine or classes of products and machines present an undue hazard to life and property.

§ 54-1017. Violations of act a misdemeanor

Any person, partnership, company, firm, association or corporation who shall engage in the trade, business or calling of an electrical contractor, journeyman electrician, master electrician, specialty electrician, specialty electrical contractor, specialty electrical trainee or apprentice electrician without a license or required registration as provided for by this act, or who shall violate any of the provisions of this act, or the rules of the Idaho electrical board or of the administrator of the division of building safety herein provided for, or who shall refuse to perform any duty lawfully enjoined upon him by the administrator within the prescribed time; or who shall fail, neglect, or refuse to obey any lawful order given or made by the administrator shall be guilty of a misdemeanor and shall be subject to the civil penalties established by administrative rule but not to exceed one thousand dollars (\$ 1,000). Each day of such violation shall constitute a separate offense. A violation will be considered a second or additional offense only if it occurs within one (1) year from the first violation.

§ 54-1018. Separability

If any clause, sentence, section, provision or part of this act shall be adjudged to be unconstitutional or invalid for any reason, by any court of competent jurisdiction, such judgment shall not impair, affect or invalidate the remainder of this act which shall remain in full force and effect thereafter.

§ 54-1019. Qualifications of inspectors

The administrator of the division of building safety shall appoint the number of deputy

Agenda Item 11-NEC and Statute Clarification

electrical inspectors as may be required for the effective enforcement of the provisions of this chapter. All inspectors shall be skilled in electrical installations with not less than four (4) years of actual experience as a journeyman electrician, shall possess certificates of competency prior to appointment, and shall be fully familiar with the provisions of this chapter and rules made both by the administrator and the Idaho electrical board. No inspector employed by the division of building safety and assigned to the enforcement of the provisions of this chapter shall be engaged or financially interested in an electrical business, trade, practice or work, or the sale of any supplies connected therewith, nor shall he act as an agent, directly or indirectly, for any person, firm, copartnership, association or corporation so engaged. Inspectors employed by municipalities electing to claim exemption under this chapter must possess the qualifications set forth in this section. Inspectors employed by the division of building safety shall take and pass, before the end of their probationary period, the general inspector's test administered by the educational testing service, or future tests developed by the educational testing service for that purpose, or such examination developed for similar purposes, and administered by another testing agency, which the Idaho electrical board may select. The board may also promulgate rules relative to the applicability of this provision to existing electrical inspectors with permanent status in the division.

**TITLE 54. PROFESSIONS, VOCATIONS, AND BUSINESSES
CHAPTER 10. ELECTRICAL CONTRACTORS AND JOURNEYMEN**

§ 54-1001. Declaration of policy

From and after the taking effect of this act, all installations in the state of Idaho of wires and equipment to convey electric current and installations of apparatus to be operated by such current, except as hereinafter provided, shall be made substantially in accord with the National Electrical Code of 1971, as approved by the American Standards Institute, relating to such work as far as the same cover both fire and personal injury hazards, and as the National Electrical Code shall be amended, revised, compiled and published from time to time and as such amendments or revisions are adopted by the Idaho electrical board.

§ 54-1001A. Submersible well pumps [EFFECTIVE UNTIL MARCH 31, 2018]

(1) Listed submersible well pumps are approved for use in lakes, rivers, ponds, and streams in Idaho. Articles 110.3(A), 110.3(B) and 682 of the National Electrical Code relating to specific use of the pumps shall not apply, nor shall this section affect any electric supplier as set forth in *section 61-332A, Idaho Code*.

§ 54-1001B. Inspection provisions inapplicable when installation covered by municipal ordinance

The provisions of this act relating to state inspection, except as provided in *section 54-1001C*, shall not apply within the corporate limits of incorporated cities and villages which, by ordinance or building code, prescribe the manner in which wires or equipment to convey current and apparatus to be operated by such current shall be installed, provided that the provisions of the National Electrical Code are used as the minimum standard in the preparation of such ordinances or building codes and provided that actual inspections are made.

§ 54-1001C. Inspections within municipalities -- When authorized

The administrator of the division of building safety may make electrical inspections within any city upon written request from the mayor or manager of such city. Such inspections shall be made in accordance with the local ordinance or building code. Service of the inspector shall be furnished at cost, such cost to be paid monthly to the administrator by the city requesting inspection service.

§ 54-1001D. Inspections of modular buildings - When authorized - Approval and certification

(1) Notwithstanding the exemption provided in subsection (1)(c) of *section 54-1016, Idaho Code*, the administrator of the division of building safety may make electrical inspections of any modular building upon written request from the manufacturer.

Agenda Item 11-Specialty to Installer Language

(a) Inspections shall be made in accordance with the codes adopted in this chapter.

(b) Inspection fees shall be as provided in *section 39-4303, Idaho Code*.

(c) The administrator may issue inspection tags for inspections if the buildings are in compliance with the codes adopted in this chapter

(2) The administrator of the division of building safety is hereby authorized to make inspections of electrical installations as set forth herein and to issue inspection tags covering such installations.

§ 54-1002. License essential to engage in business -- Licensure authority exclusive to the state

(1) It shall be unlawful for any person, partnership, company, firm, association or corporation, to act, or attempt to act, as an electrical contractor or ~~special-limited~~ electrical contractor in this state until such person, partnership, company, firm, association or corporation, shall have received a license as an electrical contractor ~~or limited electrical contractor~~, as herein defined, issued pursuant to the provisions of this chapter by the administrator of the division of building safety.

(2) It shall be unlawful for any person to act as a journeyman electrician in this state until such person shall have received a license as a journeyman electrician, as herein defined, issued pursuant to the provisions of this act, by the administrator of the division of building safety, provided, however, that any person who has been issued a master electrician's license pursuant to this chapter may act as a journeyman electrician.

(3) It shall be unlawful for any person to act as a ~~specialty electrician-limited electrical installer~~ in this state until such person shall have received a license as a ~~specialty electrician-limited electrical installer~~, as herein defined, issued pursuant to the provisions of this act, by the administrator of the division of building safety, provided however, that any person who has been issued a master electrician's license or a journeyman electrician's license pursuant to this act may act as a ~~specialty electrician-limited electrical installer~~.

(4) Licensure of electrical contractors, journeyman electricians, master electricians, ~~specialty electricians-limited electrical installers~~, ~~specialty-limited~~ electrical contractors and registration of apprentice electricians ~~and trainees~~ shall be within the exclusive jurisdiction of the state pursuant to this chapter and no local jurisdiction shall have the authority to require additional licensure or to require payment of any fees in order for any licensee to engage in the electrical construction trade within the local jurisdiction or to issue licenses to persons licensed under this chapter which are inconsistent with the provisions of this chapter or rules promulgated by the division of building safety. The state shall investigate all local infractions and state violations of this chapter and prosecute the same. The local jurisdictions will assist the state by requesting investigations within their jurisdictions. Nothing in this chapter shall restrict a city or county from imposing stricter public safety rules, notwithstanding any provision of Idaho Code.

§ 54-1003. Administrator authority

Agenda Item 11-Specialty to Installer Language

(1) Only the administrator of the division of building safety of the state of Idaho is authorized and empowered to conduct examinations and to pass upon the qualifications of applicants, and to grant and issue licenses or registrations to such applicants as are found to be qualified to engage in the trade, business or calling of a journeyman electrician, electrical contractor, master electrician, ~~specialty electrician~~limited electrical installer, ~~specialty limited~~ electrical contractor, ~~specialty limited~~ electrical installer trainee or apprentice electrician in the manner and upon the terms and conditions hereinafter provided.

(2) No licenses granted hereunder shall be transferable. Licenses shall be issued upon the condition that the holder thereof shall comply with all provisions of this chapter.

(3) The administrator of the division of building safety is authorized to impose civil penalties as provided in this chapter.

§ 54-1003A. Definitions

(1) Electrical Contractor. Except as provided in *section 54-1016, Idaho Code*, any person, partnership, company, firm, association or corporation engaging in, conducting, or carrying on the business of installing wires or equipment to carry electric current or installing apparatus to be operated by such current, or entering into agreements to install such wires, equipment or apparatus, shall for the purpose of this act be known as an electrical contractor. An electrical contractor, prior to being issued a license, shall be required to provide proof of liability insurance in the amount of three hundred thousand dollars (\$300,000) and proof of worker's compensation insurance if applicable.

(2) Journeyman Electrician. Except as provided in *section 54-1016, Idaho Code*, and *subsections (3), (4), (5) and (6)* of this section, any person who personally performs or supervises the actual physical work of installing electric wiring or equipment to convey electric current, or apparatus to be operated by such current, shall, for the purpose of this act, be known as a journeyman electrician.

(3) Apprentice Electrician. Any person who, for the purpose of learning the trade of journeyman electrician, engages in the installation of electric wiring, equipment, or apparatus while under the constant on-the-job supervision of a qualified journeyman electrician shall, for the purpose of this act, be known as an apprentice electrician.

(4) Maintenance Electrician. Any person who is regularly employed to service, maintain or repair electrical apparatus, or to make minor repairs or alterations to existing electrical wires or equipment located on his employer's premises shall, for the purpose of this act, be known as a maintenance electrician.

(5) Master Electrician. A person who has the necessary qualifications, training, experience and technical knowledge to plan, layout or design the installation of electrical wiring or equipment, or to supervise such planning, layout, or design, and who performs or supervises such planning, layout or design, shall, for the purpose of this act, be known as a master electrician.

(6) ~~Specialty Electrician~~Limited Electrical Installer. A person having the necessary qualifications, training, experience and technical knowledge to install, alter, repair and supervise the installing, altering or repairing of special classes of electrical wiring, apparatus or equipment within categories adopted by the board. ~~Specialty electricians~~Limited electrical installers shall perform work only within the scope of the restrict-

Agenda Item 11-Specialty to Installer Language

~~ed specialty~~ category for which the person is licensed.

(7) ~~Specialty-Limited~~ Electrical Contractor. Except as provided in *section 54-1016, Idaho Code*, any person, partnership, company, firm, association or corporation engaging in, conducting or carrying on the business of installing, altering or repairing ~~special-restricted classes-categories~~ of electrical wiring, apparatus or equipment within categories adopted by the board or entering into agreements to perform such ~~specialty-restricted~~ work, shall for the purpose of this act be known as a ~~specialty-limited~~ electrical contractor. ~~Specialty-Limited~~ electrical contractors shall perform work only within the scope of the ~~specialty-restricted~~ category for which the contractor is licensed. A ~~specialty-limited~~ electrical contractor, prior to being issued a license, shall be required to provide proof of liability insurance in the amount of three hundred thousand dollars (\$ 300,000) and proof of worker's compensation insurance if applicable.

(8) ~~Specialty-Electrical-Limited Electrical Installer~~ Trainee. Any person who, ~~for the purpose of learning the trade of a specialty electrician,~~ engages in the installation of ~~restricted categories of~~ electrical wiring, equipment or apparatus ~~while~~ under the constant on-the-job supervision of a qualified ~~specialty electrician-Limited Electrical Installer~~ shall, for the purpose of this act, be known as a ~~specialty-electrical-Limited Electrical Installer~~ trainee.

§ 54-1004. Inspection of electrical installations -- Notice of defects -- Disconnecting electrical service

The administrator of the division of building safety may, during reasonable hours, inspect, re-inspect or test any electrical installation coming under the provisions of this act. If, upon inspection, any electrical installation is found to be not in conformity with the provisions of this act, the person, partnership, company, firm, association or corporation making such installation shall immediately be notified, in writing. The notice shall clearly indicate any and all defects to be corrected and specify a definite period of time during which such corrections shall be made. The administrator may cut or disconnect any wire in cases of emergency where necessary for safety of life or property, or order the disconnection of electrical service to any electrical installation, coming under the provisions of this act, when such installation is found to be dangerous to life or property.

§ 54-1005. Rules -- Inspections -- Inspection tags and fees

(1) The administrator of the division of building safety is hereby authorized and directed to enforce rules consistent with this act for the administration of this act and to effectuate the purposes thereof, and for the examination and licensing of electrical contractors, journeyman electricians, master electricians, ~~specialty electricians~~~~limited electrical installers~~, ~~specialty limited~~ electrical contractors, ~~specialty electrical~~~~limited electrical installer~~ trainees and apprentice electricians, and to make inspections of electrical installations referred to in *section 54-1001, Idaho Code*, and to issue inspection tags covering such installations, and to collect the fees established therefor.

(2) The administrator of the division of building safety may make electrical inspections for another state or local jurisdiction upon request by an appropriate building

Agenda Item 11-Specialty to Installer Language

official. Such inspections shall be made in accordance with the applicable electrical codes of the requesting jurisdiction. Fees charged for such inspection services shall be as provided in the rules promulgated by the board.

(3) Individuals, firms, cooperatives, corporations, or municipalities selling electricity, hereinafter known as the power supplier, shall not connect with or energize any electrical installation, coming under the provisions of this act, unless the owner or a licensed electrical contractor has delivered to the power supplier an inspection tag, issued by the administrator, covering the installation to be energized. Immediately after an installation has been energized, the power supplier shall deliver to the administrator or his authorized agent, the inspection tag covering such installation.

(4) It shall be unlawful for any person, partnership, company, firm, association or corporation other than a power supplier, to energize any electrical installation coming under the provisions of this act unless an application for an electrical inspection tag, covering such installation, together with the inspection fee herein provided, has been forwarded to the administrator.

§ 54-1006. Idaho electrical board

(1) The Idaho electrical board, hereinafter known as the board, is hereby created and made a part of the division of building safety. It shall be the responsibility and duty of the administrator of the division of building safety to administer and enforce the provisions of this act, and to serve as secretary to the Idaho electrical board.

(2) The board shall consist of nine (9) members to be appointed by the governor and who shall serve at the pleasure of the governor. Two (2) members shall be licensed journeymen or master electricians; two (2) members shall be employees or officers of licensed electrical contractors; one (1) member shall be a licensed ~~specialty journeyman~~ limited electrical installer or limited electrical contractor; one (1) member shall be an employee or officer of an electrical power provider; one (1) member shall be an employee or officer of a manufacturing plant or other large power user; one (1) member shall be an employee or director of a manufacturer or distributor of electrical supplies or materials; and one (1) member shall be from the public at large not directly associated with the electrical industry. Board members shall be appointed for a term of four (4) years. Members of the board shall hold office until expiration of the term to which the member was appointed and until his successor has been duly appointed and qualified. Whenever a vacancy occurs, the governor shall appoint a qualified person to fill the vacancy for the unexpired portion of the term.

(3) All members of the board shall be citizens of the United States, residents of this state for not less than two (2) years and shall be qualified by experience, knowledge and integrity in formulating rules for examinations, in passing on the fitness and qualifications of applicants for electrical contractor and journeyman electrician licenses and in establishing standards for electrical products to be used in electrical installations coming under the provisions of this act.

(4) The members of the board shall, at their first regular meeting following the effective date of this act and every two (2) years thereafter, elect by majority vote of the members of the board, a chairman who shall preside at meetings of the board and a vice chairman who shall preside at any board meeting in the event the chairman is not

Agenda Item 11-Specialty to Installer Language

present. A majority of the members of the board shall constitute a quorum.

(5) The board is authorized and directed to prescribe and amend rules consistent with this act for the administration of this chapter and to effectuate the purpose thereof, and for the examination and licensing of electrical contractors, journeyman electricians, master electricians, ~~specialty electricians-limited electrical installers~~, ~~specialty-limited electrical contractors~~, ~~specialty electrical-limited electrical installer~~ trainees and apprentice electricians. The board shall also establish the ~~classifications categories~~ for ~~specialty electrician-limited electrical installers~~ and ~~specialty-limited~~ electrical contractor licensing and the fees to be charged for permits and inspections of electrical systems. The board shall establish by administrative rule the fines to be paid for citations issued and shall hear appeals regarding the imposition of civil penalties for violations of this chapter and the rules of the Idaho electrical board. The board is authorized to affirm, reject, decrease or increase the penalty imposed by the administrator. However, in no case shall the penalty exceed one thousand dollars (\$ 1,000) for each offense.

(6) Each member of the board not otherwise compensated by public moneys shall be compensated as provided by *section 59-509(n), Idaho Code*.

§ 54-1007. Issuance of licenses -- Reciprocity

(1) The administrator shall issue licenses to such persons as have by examination shown themselves to be fit, competent and qualified to engage in the trade of journeyman electrician, ~~specialty electrician-limited electrical installer~~ or master electrician as defined in *section 54-1003A, Idaho Code*, and to such persons, firms, partnerships, associations or corporations as have shown themselves to be fit, competent and qualified to engage in the business of electrical contracting or ~~specialty-limited~~ electrical contracting as defined in *section 54-1003A, Idaho Code*.

(2) An apprentice electrician, as defined in *section 54-1003A, Idaho Code*, may take the journeyman's examination if he has completed the required related instruction for electrical apprentices as approved by the Idaho state board for professional-technical education, completion of which shall be evidenced by a certificate from an approved provider, and has worked the number of hours as prescribed by the Idaho electrical board, provided that for all the time he is claiming to have worked as an apprentice electrician, the apprentice shall have been registered with the division of building safety as an apprentice. The electrical board may, by rule, fix the apprentice registration fee, in an amount not to exceed the costs of issuing apprentice registration certificates and enforcing the apprentice registration provisions of this chapter, and may also by rule establish requirements relative to the manner of registration renewal, verification of employment, the number of instructional hours completed, continuation training and the number of hours worked.

(a) All verification of employment forms submitted by an apprentice shall be entered into and maintained in the apprentice's file by the division of building safety. The division of building safety shall provide the apprentice online access to this information.

(b) An apprentice who has completed the number of instructional hours and has not taken or passed the journeyman's examination within two (2) years of completion of the instructional training hours, shall provide proof of continuation training as set by rule of the electrical board.

Agenda Item 11-Specialty to Installer Language

(c) An apprentice who has not advanced in apprenticeship training for a period of two (2) years shall complete continuation training as set by rule of the electrical board.

(3) Any person who has worked as a licensed journeyman for a period of not less than four (4) years and who has worked the number of hours as prescribed by rule of the board as a licensed journeyman electrician shall be considered as qualified to apply for a master electrician's license in this state. The Idaho electrical board, in establishing by rule the requirements for a master electrician's license, shall also take into account the applicant's performance as a journeyman electrician.

(4) Any person with out-of-state experience who has worked as a journeyman electrician or as an apprentice electrician for a period of four (4) years, and who has met such other requirements as established by rule of the board, shall be considered as qualified to apply for a journeyman electrician's license in this state.

(5) To the extent that other states which provide for the licensing of electricians provide for similar action, the administrator, on the recommendation of the Idaho electrical board, may grant licenses to electricians licensed by such other states, upon payment by the applicant of the required fee and upon furnishing proof to the board that the applicant has qualifications at least equal to those provided herein for applicants for written examinations. Applicants who qualify for a license under this subsection are not required to take a written examination.

§ 54-1008. Duration of license

(1) All licenses, including license renewals, for master electricians, journeyman electricians and ~~specialty journeyman electricians~~ limited electrical installers shall issue for a period of three (3) years, and shall expire three (3) years from the date of issue unless renewed, revoked or suspended.

(2) Electrical contractor and ~~specialty limited~~ electrical contractor licenses issued after July 1, 2002, shall issue for a period of one (1) year, and shall expire one (1) year from the date of issue unless renewed, revoked or suspended.

(3) Electrical apprentice registration issued or renewed after July 1, 2009 shall be issued for a period of five (5) years.

(4) ~~Electrical specialty Limited electrical installer~~ trainee registrations ~~issued or renewed after July 1, 2009,~~ shall be issued for a period of three (3) years.

(5) Each licensing period and each registration period shall end at midnight on the last day of the month of the licensing or registration period. Licenses and registrations not renewed by this date shall have expired.

(6) The board shall promulgate rules to provide for a staggered system of issuing and renewing licenses.

§ 54-1009. Revocation or suspension of licenses -- Hearings -- Taking testimony

(1) The administrator shall have power to revoke or suspend any license if the same was obtained through error or fraud, or if the holder thereof is shown to be grossly incompetent, or has willfully violated any of the rules prescribed by the board, or as prescribed in this chapter; or has, after due notice, failed or refused to correct, within the

Agenda Item 11-Specialty to Installer Language

specified time, any electrical installation not in compliance with the provisions of this chapter, or has failed to pay within the time provided, civil penalties which have become final by operation of law.

(2) The administrator shall have the power to revoke or suspend any electrical contractor or ~~electrical limited specialty electrical~~ contractor license if, at any time during the term of active contractor or ~~specialty limited~~ contractor licensure, the licensee failed to maintain required liability insurance or applicable worker's compensation insurance.

(3) Before any license shall be revoked or suspended, the holder thereof shall have written notice enumerating the charges against him, and shall be given a hearing by said administrator, and have an opportunity to produce testimony in his behalf, at a time and place specified in said notice, which time shall not be less than five (5) days after the service thereof.

(a) The proceedings shall be governed by the provisions of *chapter 52, title 67, Idaho Code*.

(b) Any party aggrieved by the action of the administrator shall be entitled to judicial review thereof in accordance with the provisions of *chapter 52, title 67, Idaho Code*.

(4) The administrator shall have the power to appoint, by an order in writing, a hearing officer to take testimony, who shall have power to administer oaths, issue subpoenas and compel the attendance of witnesses, and the decision of the administrator shall be based on his examination of the testimony taken and the records produced. Any person whose license has been revoked may, after the expiration of one (1) year from the date of such revocation, but not before, apply for a new license.

§ 54-1010. Installations by electrical contractor performed by licensed journeyman -- Prior certificate holders entitled to license -- List of electricians in contractor's employ

(1) On and after July 1, 1961, any electrical contractor who works as a journeyman electrician, as herein defined, shall be required to have a journeyman electrician's license issued under the provisions of this act. All installations of electrical wiring, equipment or apparatus made by an electrical contractor shall be done by or under the direct supervision of a licensed journeyman electrician.

(2) The individual owner of an electrical contracting business may act as his own journeyman electrician provided that he has complied with the provisions of *section 54-1002, Idaho Code*, pertaining to journeyman electrician. Each electrical contractor in this state shall, upon request of the administrator, or his authorized agent, furnish a list of journeyman electricians in said electrical contractor's employ.

(3) From and after July 1, 1986, any individual working as an apprentice electrician, as defined in this act, must be registered with the division of building safety, as an apprentice electrician, as provided in *section 54-1007, Idaho Code*; and it shall be unlawful for an individual to work as an apprentice electrician without possessing a current apprentice registration certificate.

(4) On and after July 1, 1999, any individual working as a ~~specialty electrical limited electrical installer~~ trainee, as defined in this chapter, must be registered with the division of building safety, as a ~~specialty electrical limited electrical installer~~ trainee. It shall be unlawful for an individual to work as a ~~specialty electrical limited electrical in-~~

staller trainee without possessing a current registration certificate.

§ 54-1013. Renewal of licenses or registrations -- Inactive licenses

(1) A license or registration once issued under this chapter, unless revoked or suspended as herein provided, may be renewed at any time during the final month of the licensing period on the payment of the renewal fee herein specified, proof of satisfaction of applicable continuing education requirements as established by the electrical board, proof of satisfaction of applicable apprentice and specialty trainee instruction and work requirements as established by the electrical board, and provided that all outstanding civil penalties, and permit or other fees, have been paid in full, and all outstanding correction notices have been satisfactorily resolved. For electrical contractors and specialty electrical contractors, proof of liability insurance in the amount of three hundred thousand dollars (\$ 300,000) shall also be required, and proof of worker's compensation insurance shall be required if applicable.

(2) Any license which has expired may be revived at any time within one (1) year from the last day of the final month of the licensing period, by payment of the revival fee herein specified, together with all outstanding civil penalties, and permit or other fees and penalties, and upon proof that outstanding correction notices have been satisfactorily resolved. For electrical contractors and specialty-limited electrical contractors, proof of liability insurance in the amount of three hundred thousand dollars (\$ 300,000) shall also be required, and proof of worker's compensation insurance shall be required if applicable.

(3) Certificates of competency issued prior to July 1, 1961, shall, for the purpose of this chapter, be considered as licenses and may be renewed or revived as herein provided.

(4) The administrator may renew, on an inactive basis, the license of an electrical contractor or specialty-limited electrical contractor who is not engaged in electrical contracting in this state. The board shall fix and collect an inactive license fee for such an inactive license renewal in an amount not to exceed one hundred fifty dollars (\$ 150). Each inactive license shall be issued for a period of one (1) year. An electrical contractor or specialty-limited electrical contractor holding an inactive license may not engage in the practice of electrical contracting or specialty-limited electrical contracting in this state. If an electrical contractor or specialty-limited electrical contractor wishes to convert his inactive license to an active license, he may do so by paying a processing fee of thirty dollars (\$ 30.00) and providing proof of the required liability insurance and applicable worker's compensation insurance.

§ 54-1014. Fees

The administrator of the division of building safety shall charge the following fees:

- | | |
|---|----------|
| (1) Application for license | \$ 15.00 |
| (2) One-year licenses: | |
| (a) Electrical contractor license | \$125.00 |
| (b) Electrical contractor license renewal | \$100.00 |

Agenda Item 11-Specialty to Installer Language

(c) Electrical contractor license revival \$125.00

(d) ~~Specialty-Limited electricial~~ contractor license
\$125.00

(e) ~~Specialty-Limited electrical~~ contractor license renewal
\$100.00

(f) ~~Specialty-Limited electrical~~ contractor license revival
\$125.00

(3) Three-year licenses, in accordance with *sections 54-1008 and 54-1013, Idaho Code*:

(a) Master electrician license \$65.00

(b) Master electrician license renewal \$45.00

(c) Master electrician license revival \$55.00

(d) Journeyman electrician license \$55.00

(e) Journeyman electrician license renewal \$45.00

(f) Journeyman electrician license revival \$55.00

(g) ~~Specialty journeyman electrician-Limited electrical installer~~ license
\$55.00

(h) ~~Specialty journeyman electrician-Limited electrical installer~~ license renewal
\$45.00

(i) ~~Specialty journeyman electrician-Limited electrical installer~~ license revival
\$55.00

(j) ~~Specialty-Limited electrical installer~~ trainee registration and working license
\$30.00

(i) At the time the ~~specialty trainee-limited electrical installer trainee~~ applies for a ~~specialty journeyman electrician-limited electrical installer~~ license, the pro rata value of any remaining time on a ~~specialty-limited electrical installer~~ trainee working license shall be credited toward the purchase of the ~~specialty journeyman electrician-limited electrical installer~~ license.

(4) Five-year licenses, in accordance with *sections 54-1008 and 54-1013, Idaho Code*:

(a) Apprentice electrician registration and working license \$50.00

(i) At the time the apprentice applies for a journeyman electrician license, the pro rata value of any remaining time on an apprentice electrician working license shall be credited toward the purchase of the journeyman electrician license.

§ 54-1015. Electrical Board Fund Established

All money received by the administrator, under the terms and provisions of this chapter, shall be paid into the state treasury, as directed by the provisions of *section 59-1014, Idaho Code*, and shall be, by the state treasurer, placed to the credit of a dedicated fund to be known as the electrical board fund and all such moneys, hereafter placed in said fund, are hereby set aside and appropriated to the division of building safety to carry into effect the provisions of this chapter.

§ 54-1016. Exemptions

(1) Nothing in this chapter shall be deemed to apply to:

(a) Any regulated utility, telephone company, rural telephone cooperative or municipal communications utility, or its employees, in the installation or maintenance of communication circuits, wires and apparatus by or for such entities or their communications service customers;

(b) Any electrical public utility, or its employees, in the installation and maintenance of electrical wiring, circuits, apparatus and equipment by or for such public utility, or comprising a part of its plants, lines or system;

(c) Modular buildings as defined in *section 39-4301, Idaho Code*, that are constructed in the state of Idaho for installation on building sites outside the state; provided however, that no modular building shall be installed on a building site in the state of Idaho until it has been approved and bears the insignia of approval of the division as being in compliance with the requirements set forth in *section 39-4304, Idaho Code*.

(2) The licensing provisions of this chapter shall not apply to:

(a) Any property owner performing electrical work in the owner's primary or secondary residence or associated outbuildings;

(b) Any person regularly employed as a maintenance electrician performing electrical maintenance work on the premises of the person's employer;

(c) Any telephone company, rural telephone cooperative, or municipal communications utility, its employees, its subsidiaries, and employees of the subsidiaries performing work on customer-owned facilities under the exclusive control of the telephone company, rural telephone cooperative, or municipal communications utility;

(d) Any telephone company, rural telephone cooperative, or municipal communications utility, its employees, its subsidiaries, and employees of the subsidiaries performing repair work on customer-owned facilities at the request of the customer;

(e) Any electrical public utility, rural electrical cooperative, municipal power utility, its employees, its subsidiaries, and employees of the subsidiaries performing work on customer-owned facilities under the exclusive control of the electrical public utility, rural electrical cooperative, or municipal power utility; and

(f) Any electrical public utility, rural electrical cooperative, municipal power utility, its employees, its subsidiaries, and employees of the subsidiaries performing emergency repair work on customer-owned facilities at the request of the customer.

(3) The licensing provisions of this chapter shall not apply to individuals licensed pursuant to *chapter 50, title 54, Idaho Code*, or certificated pursuant to *chapter 26, title 54, Idaho Code*, as follows:

(a) Individuals holding a current heating, ventilation and air conditioning (HVAC) **limited electrical installer** license or a current plumbing certification may install electrical circuitry from the disconnecting means to a water heater and electrical connections to the water heater as long as the disconnect is in sight from the unit and the circuit from the disconnecting means to the water heater is no more than fifty (50) feet long.

(b) Individuals holding a current HVAC **limited electrical installer** license may install:

(i) Electrical space heaters with no attached ductwork;

(ii) Electrical connections to HVAC equipment from the disconnecting means to the unit as long as the disconnect is in sight from the unit and the circuit from

Agenda Item 11-Specialty to Installer Language

the disconnecting means to the HVAC equipment is no more than fifty (50) feet long; and

(iii) Ventilating fans, except ducted range hoods in residences.

(c) HVAC licensees may install control wiring of twenty-four (24) volt or less for HVAC equipment of five (5) tons or less in capacity. Plumbing certificate holders are not authorized to install control wiring in HVAC equipment, regardless of voltage.

(d) Individuals holding a current Limited Energy Limited Electrical Installer license may install electrical circuitry and make connections to utilization equipment installed under the restricted category of the Limited Electrical Installer license to outlets provided to supply utilization equipment installed under the restricted category of the Limited Electrical Installer license, as long as the outlet is in sight and no more than 50' from the utilization equipment. Outlet shall be installed by others.

(4) To the extent that a plumbing or HVAC installation permit issued by the Idaho division of building safety includes any part of an electrical installation, the permit issued and inspection performed shall be sufficient to satisfy the permitting and inspecting requirements of this chapter if all required permit fees have been paid.

(5) Approval and certification requirements of product and equipment as set forth in this chapter and in the adopted edition of the national electrical code do not apply to industrial equipment unless the board has made a determination that such product, machine or classes of products and machines present an undue hazard to life and property.

§ 54-1017. Violations of act a misdemeanor

Any person, partnership, company, firm, association or corporation who shall engage in the trade, business or calling of an electrical contractor, journeyman electrician, master electrician, ~~specialty electrician, limited electrical installer specialty-limited~~ electrical contractor, ~~specialty-limited~~ electrical installer trainee or apprentice electrician without a license or required registration as provided for by this act, or who shall violate any of the provisions of this act, or the rules of the Idaho electrical board or of the administrator of the division of building safety herein provided for, or who shall refuse to perform any duty lawfully enjoined upon him by the administrator within the prescribed time; or who shall fail, neglect, or refuse to obey any lawful order given or made by the administrator shall be guilty of a misdemeanor and shall be subject to the civil penalties established by administrative rule but not to exceed one thousand dollars (\$ 1,000). Each day of such violation shall constitute a separate offense. A violation will be considered a second or additional offense only if it occurs within one (1) year from the first violation.

§ 54-1018. Separability

If any clause, sentence, section, provision or part of this act shall be adjudged to be unconstitutional or invalid for any reason, by any court of competent jurisdiction, such judgment shall not impair, affect or invalidate the remainder of this act which shall remain in full force and effect thereafter.

§ 54-1019. Qualifications of inspectors

The administrator of the division of building safety shall appoint the number of deputy electrical inspectors as may be required for the effective enforcement of the provisions of this chapter. All inspectors shall be skilled in electrical installations with not less than four (4) years of actual experience as a journeyman electrician, shall possess certificates of competency prior to appointment, and shall be fully familiar with the provisions of this chapter and rules made both by the administrator and the Idaho electrical board. No inspector employed by the division of building safety and assigned to the enforcement of the provisions of this chapter shall be engaged or financially interested in an electrical business, trade, practice or work, or the sale of any supplies connected therewith, nor shall he act as an agent, directly or indirectly, for any person, firm, copartnership, association or corporation so engaged. Inspectors employed by municipalities electing to claim exemption under this chapter must possess the qualifications set forth in this section. Inspectors employed by the division of building safety shall take and pass, before the end of their probationary period, the general inspector's test administered by the educational testing service, or future tests developed by the educational testing service for that purpose, or such examination developed for similar purposes, and administered by another testing agency, which the Idaho electrical board may select. The board may also promulgate rules relative to the applicability of this provision to existing electrical inspectors with permanent status in the division.

IDAHO ELECTRICAL BOARD

Agenda Item No. 12

Proposed Rulemaking

PRESENTER: Warren Wing, Electrical Program Manager

OBJECTIVE: Review proposed rulemaking documentation.

ACTION: Informational

BACKGROUND: This gives the Board an opportunity to review the proposed rule changes for possible submission to the 2019 legislature.

**PROCEDURAL
HISTORY:**

ATTACHMENTS: Submersible Pumps and Multiple Feeders to Homes



**IDAPA 07
TITLE 01
CHAPTER 06**

07.01.06 - RULES GOVERNING THE USE OF NATIONAL ELECTRICAL CODE

000. LEGAL AUTHORITY.

The Idaho Electrical Board is authorized under Section 54-1001, Idaho Code, to adopt rules concerning the use of the National Electrical Code. (2-26-93)

001. TITLE AND SCOPE.

These rules shall be cited as IDAPA 07.01.06, "Rules Governing the Use of National Electrical Code," Division of Building Safety. These rules prescribe which edition of the National Electrical Code will be administered by the Idaho Electrical Board. (2-26-93)

002. WRITTEN INTERPRETATIONS.

This agency has no written interpretations of this chapter. (2-26-93)

003. ADMINISTRATIVE APPEALS.

This chapter does not allow administrative relief of the provisions outlined herein. (2-26-93)

004. -- 010. (RESERVED)

011. ADOPTION AND INCORPORATION BY REFERENCE OF THE NATIONAL ELECTRICAL CODE.

01. Documents. Under the provisions of Section 54-1001, Idaho Code, the National Electrical Code, 2017 Edition, (herein NEC) is hereby adopted and incorporated by reference for the state of Idaho and shall be in full force and effect on and after July 1, 2017, with the following amendments: (3-29-17)

a. Article 110.3(A) and 110.3(B) shall not apply to submersible well pumps installed in swimming and marine areas, and shall not apply to all equipment required in the installation of a submersible well pump in such areas except for the actual submersible well pump itself.

b. Article 210.8(A)(7) Sinks. Delete article 210.8(A)(7) and replace with the following: Sinks - located in areas other than kitchens where receptacles are installed within one and eight tenths (1.8) meters (six (6) feet) of the outside edge of the sink. (3-20-14)

bc. Article 210.8(A)(10). Delete article 210.8(A)(10). (3-20-14)

ed. Article 210.8(D). Delete article 210.8(D). (3-20-14)

de. Article 210.52(E)(3). Delete article 210.52(E)(3) and replace with the following: Balconies, Decks, and Porches. Balconies, decks, and porches having an overall area of twenty (20) square feet or more that are accessible from inside the dwelling unit shall have at least one (1) receptacle outlet installed within the perimeter of the balcony, deck, or porch. The receptacle shall not be located more than two (2.0) meters (six and one half (6½) feet) above the balcony, deck, or porch surface. (3-20-14)

e. Add a new Article 225.30(F) - One or Two Family Dwelling Unit(s). For a one-or two-family dwelling unit(s) with multiple feeders, it shall be permissible to install not more than six disconnects grouped at one location where the feeders enter the building, provided the feeder conductors originate at the same switchboard, panelboard, or overcurrent protective device location.

Where the height of a crawl space does not exceed one and four tenths (1.4) meters or four and one half (4.5) feet it shall be permissible to secure NM cables, that run at angles with joist, to the bottom edge of joist. NM cables that run within two and one tenth (2.1) meters or seven (7) feet of crawl space access shall comply with Article 320.23.
(3-20-14)

f. Article 675.8(B). Compliance with Article 675.8(B) will include the additional requirement that a disconnecting means always be provided at the point of service from the utility no matter where the disconnecting means for the machine is located.
(3-20-14)

g. Article 682.10 shall not apply to submersible well pumps installed in swimming and marine areas, and shall not apply to all equipment required in the installation of a submersible well pump in such areas except for the actual submersible well pump itself.

h. Article 682.11. Add the following exception to Article 682.11: This article shall not apply to service equipment that is located on or at the dwelling unit and which is not susceptible to flooding.

i. Article 682.13. Add the following exceptions to Article 682.13:

i. Exception No 1. Wiring methods such as HDPE schedule 80 electrical conduit or its equivalent or greater, and clearly marked at a minimum "Caution Electrical" to indicate that it contains electrical conductors shall be approved. It shall be buried whenever practical, and in accordance with the requirements of the authority having jurisdiction. The use of gray HDPE water pipe rated at 250 PSI (eg. SIDR-7 or DR-9) is suitable for use as a chase only when the following conditions are met:

A. When internal conductors are jacketed submersible pump cable.

B. When used in continuous lengths, directly buried, or secured on a shoreline above and below the water line.

C. When submersible pump wiring terminations in the body of water according to 682.13 Exception No. 2 are met.

ii. Exception No 2. Any listed and approved splices required to be made at the submersible well pump itself, outside of a recognized submersed pump sleeve or housing, when wires are too large to be housed inside such sleeve, shall be covered with a non-metallic, impact resistant material, no less than .25 inches thick, such as heavy duty heat shrink or other equivalent method approved by the authority having jurisdiction. (Eg. install a heat shrink over the sleeve or housing that the submersible well pump is installed in, and then recover (apply heat) the heat shrink over both the HDPE and the water line). At least six inches (6") shall be over the sleeve and at least twelve inches (12") over the HDPE and water line.

iii. Exception No. 3. Pipe, conduit, PVC well casing, or other electrically unlisted tubing may be used as a chase, but not as a raceway, to protect conductors or cables from physical damage. Conductors or cables within a chase shall be rated for the location.

j. Article 682.14. Add the following additional exception to Article 682.14: Submersible well pumps shall be considered directly connected and shall be anchored in place. Ballast is an acceptable form of anchoring.

k. Article 682.14(A). Add the following exception to Article 682.14(A): Motor controller circuits to include remotely located stop pushbuttons, disconnects, relays and switches shall be permitted as a required disconnecting means. Such circuits shall be identified at a minimum as "Emergency Pump Stop", or with other obvious indications on the outside of the enclosure, that it disconnects a submersible pump.

l. Article 682.15. Add the following exceptions to Article 682.15:

Exception No. 1. For submersible pumps, and their motor leads, located in bodies of water, and are rated 60 amperes maximum, 250 volts maximum of any phase, shall have GFCI or Ground Fault Equipment Protection

designed to trip at a maximum of 30 milliamps or less, protected by means selected by a licensed installer, meeting listing or labeling requirements, and inspected by the AHJ prior to submersion in bodies of water.

Exception No. 2. For installations or repair and replacement of submersible pumps located in bodies of water, that are rated over 60 amperes, and rated at any voltage, shall be evaluated by a qualified designer (Experienced Licensed Contractor), or involve Engineering or be engineered, for each specific application, with the utmost goal of public safety. Whenever possible, GFCI or Ground Fault Equipment Protection designed to trip at a maximum of 30 milliamps or less, meeting listing or labeling requirements, shall be installed, then inspected by the AHJ prior to submersion in bodies of water.

gm. Article 550.32(B). Compliance with Article 550.32(B) shall limit installation of a service on a manufactured home to those homes manufactured after January 1, 1992. (5-3-03)

hn. Poles used as lighting standards that are forty (40) feet or less in nominal height and that support no more than four (4) luminaires operating at a nominal voltage of three hundred (300) volts or less, shall not be considered to constitute a structure as that term is defined by the National Electrical Code (NEC). The disconnecting means shall not be mounted to the pole. The disconnecting means may be permitted elsewhere in accordance with NEC, Article 225.32, exception 3. SEC special purpose fuseable connectors (model SEC 1791-DF or model SEC 1791-SF) or equivalent shall be installed in a listed handhole (underground) enclosure. The enclosure shall be appropriately grounded and bonded per the requirements of the NEC applicable to Article 230-Services. Overcurrent protection shall be provided by a (fast-acting – minimum - 100K RMS Amps 600 VAC) rated fuse. Wiring within the pole for the luminaires shall be protected by supplementary overcurrent device (time-delay – minimum - 10K RMS Amps 600 VAC) in break-a-away fuse holder accessible from the hand hole. Any poles supporting or incorporating utilization equipment or exceeding the prescribed number of luminaires, or in excess of forty (40) feet, shall be considered structures, and an appropriate service disconnecting means shall be required per the NEC. All luminaire-supporting poles shall be appropriately grounded and bonded per the NEC. (4-6-05)

io. Compliance with Article 210.12 Arc-Fault Circuit-Interrupter Protection. Article 210.12 shall apply in full. Exception: In dwelling units Arc-Fault Circuit-Interrupter Protection shall only apply to all branch circuits and outlets supplying bedrooms. All other locations in dwelling units are exempt from the requirements of Article 210.12. (3-29-17)

02. Availability. A copy of the National Electrical Code is available at the offices of the Division of Building Safety at 1090 E. Watertower Street, Suite 150, Meridian, Idaho 83642, 1250 Ironwood Drive, Suite 220, Coeur d’Alene, Idaho 83814, and 2055 Garrett Way, Suite 7, Pocatello, Idaho 83201. (3-20-14)

012. -- 999. (RESERVED)

IDAHO ELECTRICAL BOARD

Agenda Item No. 13

Board Meetings and CEUs

PRESENTER: Warren Wing, Electrical Program Manager

OBJECTIVE: Create a rule or policy to allow licensed individuals who attend electrical board meetings to receive industry-related CEU hours.

ACTION: Take action on rule language.

BACKGROUND: Licensed individuals have stated they would be more likely to attend board meetings if they would receive industry-related credit hours.

PROCEDURAL HISTORY: Presented to Board.

ATTACHMENTS: No documentation; however, language proposal:

Individuals attending the Electrical Board meetings may obtain one industry-related continued education credit per board meeting.



IDAHO ELECTRICAL BOARD

Agenda Item No. 14

Program Manager Report

PRESENTER: Warren Wing, Electrical Program Manager

OBJECTIVE: Update the Board on the Electrical program's current activities.

ACTION: Informational

BACKGROUND: This topic is addressed at all regularly scheduled Idaho Electrical Board meetings.

**PROCEDURAL
HISTORY:**

ATTACHMENTS: NOV/Civil Penalties Issued and Permit Verification Reports



State of Idaho
Electrical NOV/Civil Penalties Issued
04/01/2017 thru 06/30/2017

Agenda Item 14

Case No.	Started	Closed	Case Type	Fees Charged	Fees Paid	Balance Due	Offender	Status	Violation
ELE1704-0007	04/12/2017		NOV	600	0	600	Ed Staub & Sons Petroleum	ACTIVE	Failure to Permit Failure to Supervise Knowingly Employing Unlicensed Individual Unlicensed Contractor Unlicensed Individual
ELE1704-0014	04/25/2017		NOV	200	0	200	DBS Sign Service & MFG	ACTIVE	Failure to Permit Failure to Post Permit
ELE1705-0001	05/01/2017		NOV	500	0	500	Design Innovation by Franklin Supply	ACTIVE	Unlicensed Contractor
ELE1705-0004	05/12/2017		NOV	400	0	400	Jack Cushman Drilling & Pump	ACTIVE	Failure to Permit Failure to Post Permit
ELE1705-0006	05/16/2017		NOV	400	0	400	Energy Electric Inc	ACTIVE	Failure to Permit Failure to Post Permit
ELE1705-0007	05/17/2017		NOV	200	0	200	Gietzen Electric	ACTIVE	Failure to Permit
ELE1705-0008	05/18/2017		NOV	600	0	600	Watchguard Security Systems	ACTIVE	Failure to Permit Failure to Supervise Knowingly Employing Unlicensed Individual
ELE1705-0010	05/24/2017		NOV	400	0	400	Legacy Electric	ACTIVE	Failure to Supervise Knowingly Employing Unlicensed Individual
ELE1705-0012	05/24/2017		NOV	200	0	200	Hadley Scott Fikstad	ACTIVE	Unlicensed Individual
ELE1705-0014	05/25/2017		NOV	700	0	700	Church of Jesus Christ LDS Facility Mgmt	ACTIVE	Unlicensed Contractor Knowingly Employing Unlicensed Individual
ELE1705-0015	05/25/2017		NOV	200	0	200	Michael Orbin	ACTIVE	Unlicensed Individual
ELE1706-0004	06/02/2017		NOV	0	0	0	Shiple Electric	IN REVIEW	Failure to Permit Failure to Post Permit
ELE1706-0005	06/05/2017		NOV	0	0	0	Premier Technology Inc	IN REVIEW	Failure to Correct
ELE1706-0006	06/07/2017		NOV	0	0	0	Independent Drilling	IN REVIEW	Failure to Permit
ELE1706-0007	06/07/2017		NOV	0	0	0	Jacob Ball	IN REVIEW	Failure to Supervise
ELE1706-0010	06/09/2017		NOV	0	0	0	ALEKSANDR STRIZHEUS	IN REVIEW	Unlicensed Individual
ELE1706-0011	06/09/2017		NOV	0	0	0	Ultimate Electric	IN REVIEW	Failure to Supervise Knowingly Employing Unlicensed Individual
ELE1706-0012	06/12/2017		NOV	0	0	0	Pedro Martinez Jr	IN REVIEW	Unlicensed Contractor
ELE1706-0013	06/12/2017		NOV	0	0	0	Hunt Electri	IN REVIEW	Failure to Permit
ELE1706-0014	06/13/2017		NOV	0	0	0	AG Electric	IN REVIEW	Failure to Correct
ELE1706-0015	06/15/2017		NOV	0	0	0	Cody Justice	IN REVIEW	Unlicensed Individual
ELE1706-0016	06/15/2017		NOV	0	0	0	Harllan David Fuget	IN REVIEW	Unlicensed Individual
ELE1706-0019	06/19/2017		NOV	0	0	0	BIG DOG RENEWABLE ENERGY LLC	IN REVIEW	Failure to Correct
ELE1706-0020	06/19/2017		NOV	0	0	0	Perry Poorman	IN REVIEW	Failure to Correct
ELE1706-0021	06/19/2017		NOV	0	0	0	INTERLOCK PERFRMNC INC DBA BOONE ELE CO	IN REVIEW	Knowingly Employing Unlicensed Individual
ELE1706-0022	06/19/2017		NOV	0	0	0	CREEKSIDE ELECTRIC LLC	IN REVIEW	Knowingly Employing Unlicensed Individual

State of Idaho
Electrical NOV/Civil Penalties Issued
04/01/2017 thru 06/30/2017

Agenda Item 14

ELE1706-0023	06/19/2017		NOV	0	0	0	KADEN NEIL MURDOCH	IN REVIEW	Unlicensed Individual
ELE1706-0024	06/20/2017		NOV	0	0	0	Nelson Electric	IN REVIEW	Failure to Supervise Journeyman to Apprentice Ratio Knowingly Employing Unlicensed Individual
ELE1706-0025	06/20/2017		NOV	0	0	0	Nelson Electric	IN REVIEW	Failure to Supervise Journeyman to Apprentice Ratio Knowingly Employing Unlicensed Individual
ELE1706-0026	06/20/2017		NOV	0	0	0	Nelson Electric	IN REVIEW	Failure to Supervise Journeyman to Apprentice Ratio
ELE1706-0027	06/20/2017		NOV	0	0	0	Nelson Electric	IN REVIEW	Failure to Supervise Journeyman to Apprentice Ratio
ELE1706-0028	06/20/2017		NOV	0	0	0	Nelson Electric	IN REVIEW	Failure to Supervise
ELE1706-0031	06/22/2017		NOV	0	0	0	Failure to Supervise	IN REVIEW	Unlicensed Contractor Failure to Post Permit
ELE1706-0033	06/22/2017		NOV	0	0	0	BLAZE SIGN & GRAPHIC DESIGN INC	IN REVIEW	Failure to Permit
ELE1706-0034	06/28/2017		NOV	0	0	0	BLUE RAVEN SOLAR LLC	IN REVIEW	Failure to Correct
ELE1706-0035	06/28/2017		NOV	0	0	0	Casey Palmer	IN REVIEW	Failure to Correct
ELE1706-0036	06/28/2017		NOV	0	0	0	JORDAN ROBISON	IN REVIEW	Failure to Correct
ELE1706-0038	06/29/2017		NOV	0	0	0	Sid Lezomie	IN REVIEW	Unlicensed Contractor Knowingly Employing Unlicensed Individual
ELE1706-0039	06/29/2017		NOV	0	0	0	Kelly Lincoln	IN REVIEW	Unlicensed Contractor Unlicensed Individual
ELE1705-0017	05/30/2017		NOV	200	0	200	Paul Kettleband Sr.	IN REVIEW	Unlicensed Individual Knowingly Employing Unlicensed Individual
ELE1706-0002	06/02/2017		NOV	200	0	200	Tyrell Gray	IN REVIEW	Unlicensed Individual
ELE1704-0002	04/05/2017		NOV	300	300	0	Theron Jensen	PAID	Unlicensed Contractor Unlicensed Individual
ELE1704-0006	04/06/2017		NOV	200	200	0	GRIZZLY GROUP LLC DBA GRIZZLY ELECTRIC	PAID	Failure to Supervise
ELE1704-0013	04/25/2017	06/02/2017	NOV	100	100	0	DBA SIGN SERVICE & MFG	PAID	Failure to Permit Failure to Supervise
ELE1706-0003	06/02/2017	07/11/2017	NOV	0	0	0	Daniel Palmer	WARNING	Knowingly Employing Unlicensed Individual
ELE1704-0008	04/14/2017	05/18/2017	NOV	0	0	0	Hot Shot Electric	WARNING	Failure to Correct
ELE1705-0011	05/24/2017	07/10/2017	NOV	0	0	0	Chase T Hall	WARNING	Unlicensed Individual

Fees Charged	Fees Paid	Fees Owning
\$5,400	\$600	\$4,800

State of Idaho
 “Verification” Inspections by Inspectors
 For the Period 04/01/2017 thru 06/30/2017

Inspector	Compliance	Admin Time	Pass	Fail	Red Tag Issued
Adam Bowcutt	1				
Alan Kline	2	9			
Andy Rose		8			
Anthony Parker	16				
Brad Hastings	14	3			
Brad Myers	2	15			
Brad Ziel	1	2			
Bruce Clark	23				
Bruce Holland	8				
Bryce Clark	5				
Chris Critser	2	1			
Clint Pierce	1	2			
Dan LaChapelle	23				
Dan Strouse	17	8			
David Sheridan	7	5			
Dick Sivey	1	2			
Don Geiger		2			
Gary Sonnen	8	4			
Gary Williams	7	5			
Geret Robinson	7	6			
Gino Endo	6	1			
Jake Wood	4	9			
Jason Guerber	8	16			
Jeff Anderson	10	8			
Jeff Oakes	4	2			
John Kraack	8	5			
Josh Nyman	3	4			
Kevin Hubble		3			
Larry Wharton		3			
Mark Boren	1	6			
Mike Carter	2				
Mitch Day	1				
Randall Erickson		1			
Richard Holm	14				
Rick Doyle		1			
Rick Young	4	30			
Sam Kasper		6			
Shelly Farris	1				
Steve Casner	29	3			
Tim Ducommun	7	7			
Todd Wilding	1	2			
Travis Wright	5	6			

State of Idaho
 “Verification” Inspections by Inspectors
 For the Period 04/01/2017 thru 06/30/2017
 (ELECTRICAL ONLY)

Inspector	Compliance	Admin Time	Pass	Fail	Red Tag Issued
Alan Kline	2	9			
Andy Rose		8			
Anthony Parker	16				
Brad Hastings	2	15			
Brad Myers	2	15			
Clint Pierce	1	2			
Dan Strouse	17	8			
David Sheridan	7	5			
Dick Sivey	1	2			
Don Geiger		2			
Gary Sonnen	8	4			
Geret Robinson	7	6			
Gino Endo	6	1			
Jeff Anderson	10	8			
Jeff Oaks	4	2			
John Kraack	8	5			
Kevin Hubble		3			
Larry Wharton		3			
Mitch Day	1				
Randall Erickson		1			
Richard Holm	14				
Rick Doyle		1			
Sam Kasper		6			
Shelly Farris	1				
Tim Ducommun	1	2			
Todd Wilding	5	6			

IDAHO ELECTRICAL BOARD

Agenda Item No. 15

Compliance Program Report

PRESENTER: Chris L. Jensen, Administrator

OBJECTIVE: Provide an update on the statewide compliance program.

ACTION: Informational

BACKGROUND: This topic is addressed at all regularly scheduled Idaho Electrical Board meetings.

**PROCEDURAL
HISTORY:**

ATTACHMENTS: No documentation



IDAHO ELECTRICAL BOARD

Agenda Item No. 16

Administrator Report

PRESENTER: Chris L. Jensen, Administrator

OBJECTIVE: Provide an overview of the Division's current activities.

ACTION: Informational

BACKGROUND: This topic is addressed at all regularly scheduled Idaho Electrical Board meetings.

**PROCEDURAL
HISTORY:**

ATTACHMENTS: No documentation



IDAHO ELECTRICAL BOARD

Agenda Item No. 016a

Financial Report

PRESENTER: Chris L. Jensen, Administrator

OBJECTIVE: Review the Idaho Electrical Board's Financial report.

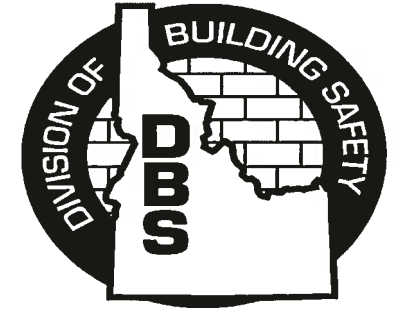
ACTION: Informational

BACKGROUND: This topic is addressed at all regularly scheduled Idaho Electrical Board meetings.

PROCEDURAL HISTORY:

ATTACHMENTS: Financial report





Division of Building Safety
ELECTRICAL BOARD FUND 0229-01
Fiscal Year 2017 Financial Statements
As of 06/30/2017

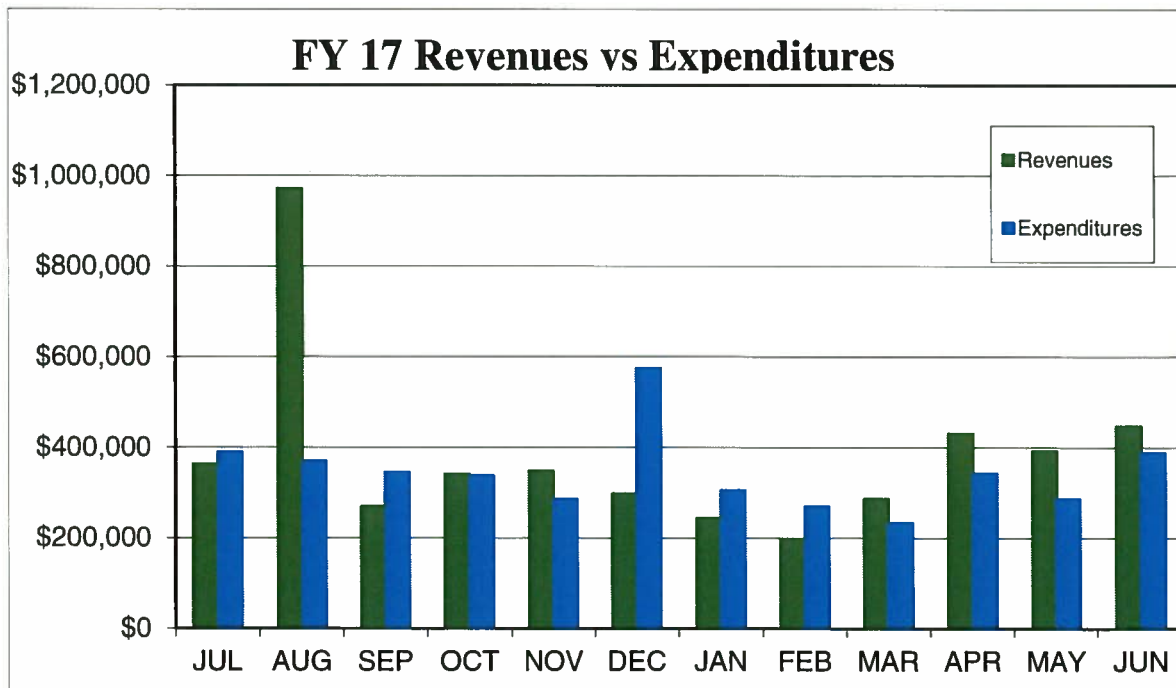
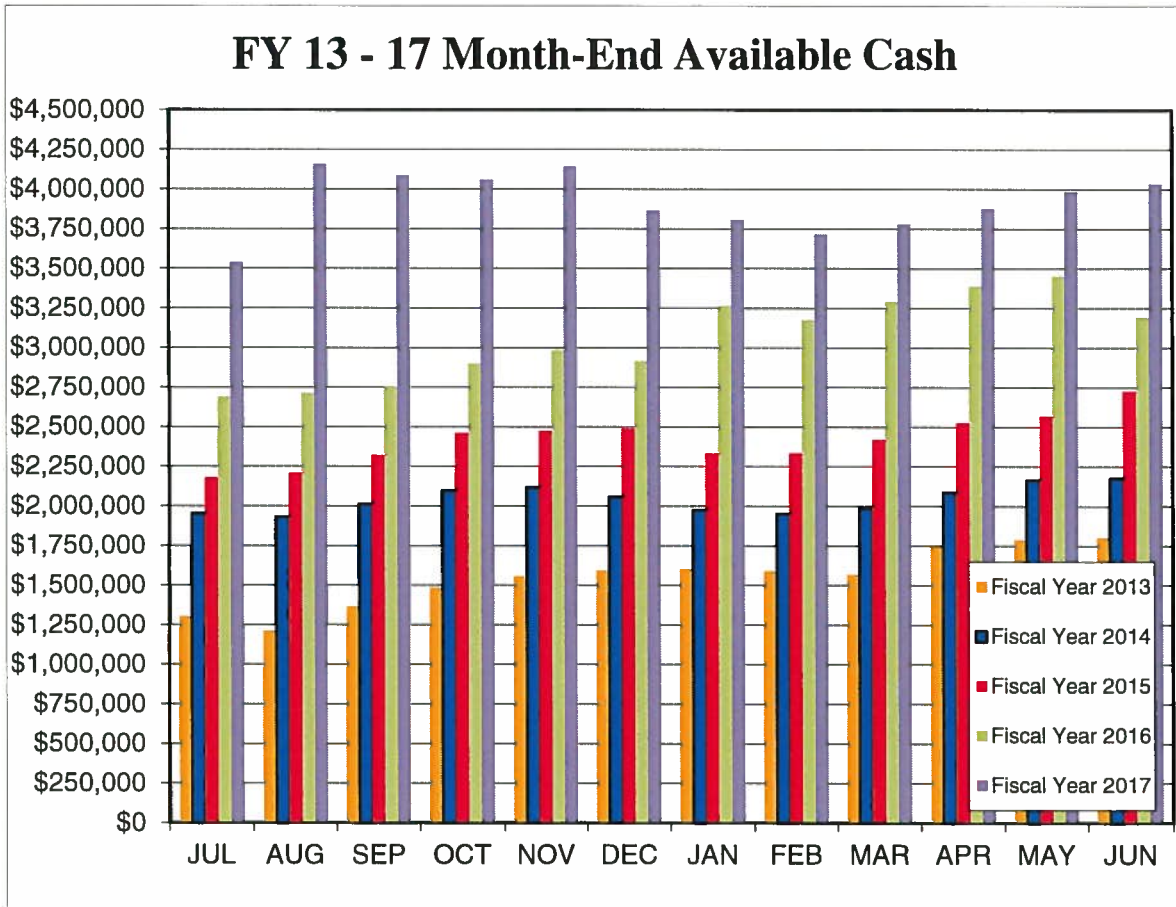
Statement of Revenues and Expenditures

Class	Budget	Fiscal Year To Date	YTD as a % of Budget	Remaining Budget	Projected for Remainder of Year	Projected Year End Totals	Projected Total as a % of Budget
Revenues:	4,198,700	4,585,556	109.2%	(386,856)	0	4,585,556	109.2%
Expenditures							
Personnel:	3,231,200	3,113,284	96.4%	117,916	0	3,113,284	96.4%
Operating:	693,500	712,550	102.7%	(19,050)	6,630	719,179	103.7%
Capital:	274,000	300,596	109.7%	(26,596)	0	300,596	109.7%
Total Expenditures	4,198,700	4,126,429	98.3%	72,271	6,630	4,133,059	98.4%
Net for FY 2017	-	459,127			(6,630)	452,497	

Statement of Cash Balance

July 1, 2016 Beginning Cash Available	Fiscal Year to Date Revenues	Fiscal Year to Date Expenditures and Encumbrances	Other Changes in Cash	Available Cash as of June 30, 2017	Projected Change in Cash for Remainder of Year	Projected Year End Available Cash
3,567,316	4,585,556	(4,126,429)	6,630	4,033,072	(6,630)	4,026,443

ELECTRICAL BOARD FUND 0229-01



ELECTRICAL BOARD FUND 0229-01

